

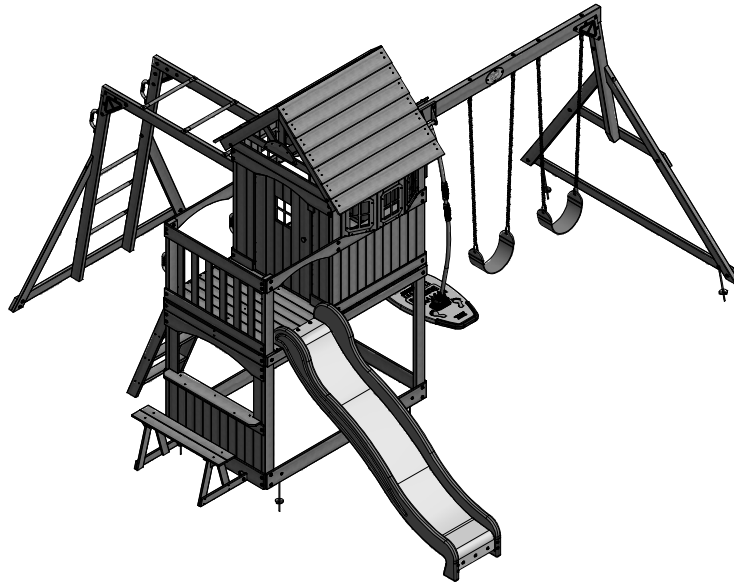


DISCOVERY™

Montpelier

Wooden Swing Set

Model: #30211



- *Owner's Manual*
- *Frequently Asked Questions*
- *Assembly Instructions*
- *Warranty Information*

Manufacturer: Backyard Discovery
3001 North Rouse
Pittsburg, KS 66762
1-800-856-4445

Register your new swing set on-line @ www.swingsetsonline.com
(you will also find any updates on assembly instructions and
information to order replacement parts)

Features the **SAFE-T-FUSE** fastening system.
Patent Pending

Save this assembly manual for future reference in the event that
you need to order replacement parts.



**PLEASE READ THIS BEFORE STARTING ASSEMBLY
POR FAVOR LEA ESTAS INSTRUCCIONES ANTES DE COMENZAR EL ENSAMBLAJE**

- READ THE ASSEMBLY MANUAL COMPLETELY, PAYING SPECIAL ATTENTION TO THE IMPORTANT TIPS AND SAFETY INFORMATION.
- AFTER YOU HAVE READ THE ASSEMBLY MANUAL, YOU WILL BE ABLE TO DECIDE IF YOU NEED PROFESSIONAL HELP TO COMPLETE THE ASSEMBLY OF THE PLAYSET.
- SEPARATE AND IDENTIFY ALL PARTS TO MAKE SURE THAT YOU HAVE ALL OF THE PARTS LISTED.
- IF YOU CAN'T FIND ALL OF THE PARTS, CHECK THE PACKING MATERIAL. SMALL PARTS MAY HAVE FALLEN INTO IT DURING SHIPMENT.
- IF YOU HAVE PROBLEMS WITH THE ASSEMBLY OR IF ANY PART IS MISSING OR DAMAGED, PLEASE CALL THE HELP LINE **1-800-856-4445 OR VISIT www.swingsetsonline.com**
- LEA EL MANUAL DE ENSAMBLAJE COMPLETAMENTE, PRESTANDO ESPECIAL ATENCIÓN A LOS CONSEJOS ÚTILES IMPORTANTES Y A LA INFORMACIÓN SOBRE SEGURIDAD.
- DESPUÉS DE QUE HAYA LEÍDO EL MANUAL DE ENSAMBLAJE, PODRÁ DECIDIR SI NECESITA AYUDA PROFESIONAL PARA EFECTUAR EL ENSAMBLAJE DE LA UNIDAD DE JUEGOS.
- SEPARA E IDENTIFIQUE TODAS LAS PIEZAS PARA COMPROBAR QUE DISPONE DE TODAS LAS PARTES INDICADAS.
- SI NO PUEDE ENCONTRAR TODAS LAS PIEZAS, REVISE EL MATERIAL DE EMPAQUE. ES POSIBLE QUE ALGUNAS PIEZAS PEQUEÑAS PUEDAN HABERSE CAÍDO ALLÍ DURANTE EL ENVÍO.
- SI TIENE PROBLEMAS CON EL ENSAMBLAJE O SI ALGUNA PIEZA FALTA O ESTÁ DAÑADA, LLAME A LA LÍNEA DE AYUDA AL **1-800-856-4445 O VISITE www.swingsetsonline.com**

PLEASE HAVE THE FOLLOWING INFORMATION WHEN YOU MAKE YOUR CALL:

- 1 – MODEL NUMBER OF THE PRODUCT LOCATED ON THE FRONT OF THE ASSEMBLY MANUAL
- 2 – DESCRIPTION OF THE PART FROM THE PARTS LIST

POR FAVOR TENGA VISIBLE LA SIGUIENTE INFORMACIÓN CUANDO LLAME:

- 1 - NÚMERO DE MODELO DEL PRODUCTO QUE SE ENCUENTRA UBICADO AL FRENTE DEL MANUAL DE ENSAMBLAJE
- 2 - DESCRIPCIÓN DE LA PIEZA QUE SE ENCUENTRA EN LA LISTA DE PIEZAS

Owner's Manual Play Set

Dear Customer:

Please read entire booklet completely before beginning the assembly process.

Equipment is recommended for use by **children 3 to 10 years of age**. Structures are **not intended for public use**. **The Company does not warranty any of its residential structures subjected to commercial use such as: Daycare, Preschool, Nursery School, Recreational Park, or any similar Commercial Application.**



WARNING: This Symbol points out important safety instructions which, if not followed, could endanger the personal safety of yourself and your children and/or damage your property. You **MUST** read and follow all instructions in this manual before attempting to use this playcenter.



WARNING: Children must **NOT** use this playcenter until unit has been completely assembled and inspected by an adult to insure set has been properly installed and anchored.

Please follow all recommendations below. **Failure to do so may result in the warranty being void and/or safety violations that could result in serious injury.** This manual contains helpful information concerning Assembly Preparation, Installation Procedure, and Required Maintenance. Always keep the safety of your children in mind as your play structure is being built and as your children play on the set. Before your children play on the set please review the Operation Instructions with them to help ensure their safety.

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. IN ORDER TO PROVIDE YOU WITH THE MOST EFFICIENT SERVICE. IT IS REQUIRED THAT YOU PROVIDE US WITH THE PART NUMBERS WHEN ORDERING PARTS.

For Your Records:

Please take time and fill out the information below. This information will be needed for warranty issues.

Where Purchased: _____

Date of Purchase: _____

Installation Date: _____

Installed by: _____

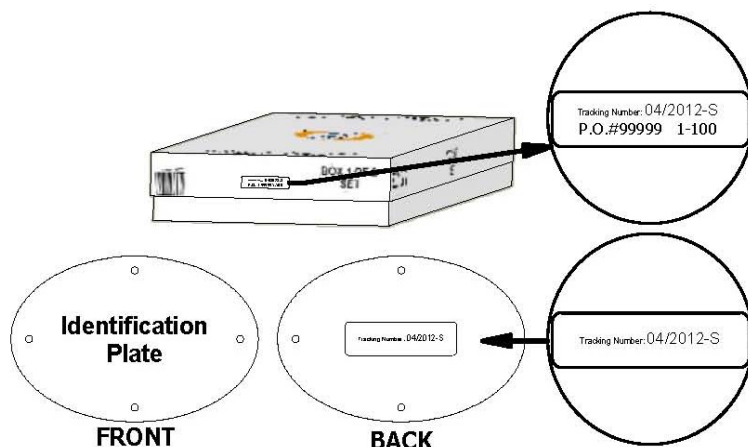
Tracking Number: _____

Staple Receipt Here

Sales Receipt		
Store Name		
Main Street	Hornstown, USA	
\$100.00	BYD Playset	\$55.00
\$200.00	BYD Playset Use	\$0.00
\$100.00	BYD Garden	\$55.00
\$400.00	BYD Out door Product	\$55.00
Total		\$55.00



Thank You For Shopping WITH US!



Tracking Number Reference Label

Tracking ID number on the carton and back of the ID plate are included for tracking purposes associated with warranty claims.

Owner's Manual Play Set

Please refer to the Assembly section of the Assembly Manual for Maximum Fall Height.

Positioning Your Playcenter

1. The Playcenter is designed to be installed on a level surface **by an Adult with an Adult helper**. Place in a flat area of your yard to minimize ground preparation.
2. Choose a level location for the equipment. This can reduce the likelihood of the play set tipping over and loose-fill surfacing material washing away during heavy rains.
3. Place the equipment not less than **6 ft (1.8 m)** from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
4. Provide enough room so that the children can use the equipment safely. For example, for structures with multiple play activities, a slide should not exit in front of a swing.
5. It is a good idea to place your Playcenter in an area that is convenient for adults to watch children at play.
6. Create a site free of obstacles that could cause injuries – such as low overhanging tree branches, overhead wires, tree stumps and/or roots, large rocks, bricks and concrete. Additional suggestions in the Suggested Playground Surfacing Section.
7. Do not build your playset on top of surfacing material.
8. Locate bare metal platforms and slides out of direct sunlight to reduce the likelihood of serious burns. A slide that faces north will receive the least direct sunlight.
9. Separate active and quiet activities from each other. For example, locate sandboxes away from swings or use a guardrail or barrier to separate the sandbox from the movement of the swings.

Suggested Playground Surfacing

- ❑ Do not install home playground equipment over concrete, asphalt, packed earth, grass, carpet, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user.
- ❑ Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.
- ❑ Shredded bark mulch, wood chips, fine sand and fine gravel, are added as shock absorbing materials after assembly. If used properly these materials can absorb some of the impact of a child's fall.
- ❑ All surface material should extend a minimum of 6 feet in all directions around the play area.
- ❑ Do not apply playground surfacing until after the unit is completely constructed. Playset should not be built on top of surfacing.
- ❑ Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging.
- ❑ Installations of rubber tiles or poured-in-place surfaces (other than loose-fill materials) generally require a professional and are not “do-it-yourself” projects.
- ❑ Shall use Playground Surfacing Materials (other than loose-fill material) which comply with the safety standard **ASTM F1292** Standard Specification of Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment.

Owner's Manual Play Set

The following chart explains the fall height in feet from which a life threatening head injury would not be expected

Critical Heights in feet (m) of Tested Materials

Material	Uncompressed Depth			Compressed Depth
	6" (152mm)	9" (228mm)	12" (304mm)	to 9" (228mm)
Wood Chips	7' (2.13m)	10' (3.05m)	11' (3.35m)	10' (3.05m)
Double-Shredded bark mulch	6' (1.83m)	10' (3.05m)	11' (3.35m)	7' (2.13m)
Engineered Wood Fibers	6' (1.83m)	7' (2.13m)	>12' (3.66m)	6' (1.83m)
Fine Sand	5' (1.52m)	5' (1.52m)	9' (2.74m)	5' (1.52m)
Coarse Sand	5' (1.52m)	5' (1.52m)	6' (1.83m)	4' (1.22m)
Fine Gravel	5' (1.52m)	7' (2.13m)	10' (3.05m)	6' (1.83m)
Medium Gravel	5' (1.52m)	5' (1.52m)	6' (1.83m)	5' (1.52m)
Shredded Tires*	10-12' (3.0-3.6m)	N/A	N/A	N/A

*This data is from tests conducted by independent testing laboratories on a 6-inch depth of uncompressed shredded tire samples produced by four manufacturers. The tests reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

Operating Instructions:



NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.

1. This Playcenter is designed for specific number of occupants whose combined weight **should not exceed** a designated weight on the elevated floor or the swing area, the total Unit capacity is outlined in the Basic Setup Dimensions section of instruction manual. The maximum fall height and recommended play area is also available in the Basic Setup Dimensions section of the manual for the specific unit.
2. On-site adult supervision is **required**.
3. Instruct children **not** to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
4. Instruct children to sit in and **never** stand on swings
5. Instruct children **not** to twist the chains and ropes and not to loop them over the top support bar, since this may reduce the strength of the chain or rope.
6. Instruct children **not** to jump from swings or other playground equipment in motion.
7. Instruct children to **not to push** empty seats. The seat may hit them and cause serious injury.
8. Instruct and teach children to sit in the center of the swings with their full weight on the seats.
9. Instruct children **not** to use the equipment in a manner other than intended.
10. Instruct children to **always** go down slides feet first. Never slide head first.
11. Instruct children to **look** before they slide to make sure no one is at the bottom.
12. Instruct children to **never** run up a slide, as this increases their chances of falling.
13. The parents should **dress children appropriately**. (Examples would include the use of well-fitting shoes and the avoidance of ponchos, scarfs, and other loose-fitting clothing that is potentially hazardous while using equipment).
14. Instruct children **not** to climb when the equipment is wet.
15. Instruct children to **never** jump from a fort deck. They should always use the ladder, ramp or slide.
16. Instruct children to **never** crawl or walk across the top of monkey bars.
17. Instruct children to **never** crawl on top of a fort roof.

Owner's Manual Play Set

18. Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on it.
19. Instruct children **not** to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
20. Instruct children to **never** wrap their legs around swing chain.
21. Instruct children to **never** slide down the swing chain.
22. Instruct children to remove their bike or other sports helmet before playing on playground equipment.

Maintenance Instructions:

At the beginning of each play season:

- Tighten all hardware.
- Lubricate all metallic moving parts per manufacturer's instructions.
- Check all protective coverings on bolts, pipes, edges, and corners. Replace if they are loose, cracked, or missing.
- Check all moving parts including swing seats, ropes, cables, and chains for wear, rust, or other deterioration. Replace as needed.
- Check metal parts for rust. If found, sand and repaint using a non Lead-based paint meeting the requirements of **16 CFR 1303**.
- Check all wood members for deterioration and splinters. Sand down splinters and replace deteriorating wood members.
- Reinstall any plastic parts, such as swing seats or any other items that were removed for the cold season.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

Twice a month during play season:

- Tighten all hardware.
- Check all protective coverings on bolts, pipes, edges, and corners. Replace if they are loose, cracked, or missing.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.
- Once a month during play season.
- Lubricate all metallic moving parts per manufacturer's instructions.
- Check all moving parts including swing seats, ropes, cables, and chains for wear, rust, or other deterioration. Replace as needed.

At the end of each play season or when the temperature drops below 32° F:

- Remove plastic swing seats and other items as specified by the manufacturer and take indoors or do not use.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

Owner's Manual Play Set

Additional Maintenance:

- Check the swing beam and hardware every two weeks due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
- Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sand may be necessary to maintain a safe playing environment. Treat your playset with stain regularly, to help prevent severe checking/splitting and other weather damage.
- A waterbourne transparent stain has been applied to your playset. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any "rough" spots on your playset. **Please not this is a requirement of your warranty.**
- Assembling and maintaining the playset on a level location is very important. As your children play, your playset will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the playset is level and true one each year or at the beginning of each play season.

Disposal Instructions:

When the Playcenter use is no longer desired, it should be disassembled and disposed of in such a way that no unreasonable hazards will exist at the time the unit is discarded.

Third Party Assembly:

Customer may, in their sole discretion, elect to use a third party person or service to assemble this product. Backyard Discovery assumes no responsibility or liability for any charge incurred by the Customer for any assembly services'.

Please see our warranty for more information about damaged and missing part replacement coverage. Backyard Discovery will not reimburse Customer for the price of parts purchased.

APPENDIX A

Information on Playground Surfacing Materials:

The following information is from the **United States Consumer Product Safety Commission's Information Sheet for playground surfacing material**; also see the following website for additional information: www.cpsc.gov/cpscpub/pubs/323.html.

X3. SECTION 4 OF THE CONSUMER PRODUCT SAFETY COMMISSION'S OUTDOOR HOME PLAYGROUND SAFETY HANDBOOK⁹

X3.1 Select Protective Surfacing—One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM Specification **F 1292**. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

X3.1.1 Loose-Fill Materials:

X3.1.1.1 Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. **NOTE:** An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing overtime. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain at least a 9-inch depth.

X3.1.2 Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.) **NOTE:** Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Ground level equipment such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface – does not need any protective surfacing.

X3.1.3 Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.

X3.1.3.1 Check and maintain the depth of the loose-fill surfacing material. To maintain the right amount of loose-fill materials, mark the correct level on play equipment support posts. That way you can easily see when to replenish and/or redistribute the surfacing.

X3.1.3.2 **Do not** install loose-fill surfacing over hard surfaces such as concrete or asphalt.

X3.1.4 Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles — You may be interested in using surfacing other than loose-fill materials – like rubber tiles or poured-in-place surfaces.

X3.1.4.1 Installations of these surfaces generally require a professional and are not “do-it-yourself” projects.

X3.1.4.2 Review surface specification before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM **F 1292** Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height – vertical distance between a designated play surface (elevated surface for standing, sitting, or climbing) and the protective surfacing below – of your play equipment.

X3.1.4.3 Check the protective surfacing frequently for wear.

X3.1.5 Placement — Proper placement and maintenance of protective surfacing is essential. Be sure to:

X3.1.5.1 Extend surfacing at least 6 feet from the equipment in all directions.

X3.1.5.2 For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.

⁹ This information has been extracted from the CPSC publications “Playground Surfacing — Technical Information Guide” and “Handbook for Public Playground Safety.” Copies of these reports can be obtained by sending a postcard to the: Office of Public Affairs, U.S. Consumer Product Safety Commission, Washington, D.C., 20207 or call the toll-free hotline: 1-800-638-2772.

Owner's Manual Play Set

The American Society for Testing and Materials takes no position respecting the validity of any parent right asserted in connection with any item mentioned in this standard. Users of this standard are expressly advised that determination of the validity of any such parent rights, and the risk of infringement of such rights, are entirely their own responsibility.

The standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either approved or withdrawn. Your comments are invited either for revision of this standard or for additional standards and should be addressed to ASTM Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel that your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards. 100 Barr Harbor Drive, West Conshohocken, PA 19428.

Play Set Assembly Manual FAQs:

1. Does the area for the playset need to be level?

Yes. Backyard Discovery recommends the playset be positioned on a flat level area for maximum safety and durability. The stakes provided should be used to secure it firmly to the ground.

2. What size area is recommended for the playset?

Backyard Discovery recommends at least a 6' (six foot) perimeter around and above the playset for maximum safety.

3. What age range is appropriate for the playsets?

Backyard Discovery playsets are recommended for children ages 3 – 10 years.

4. Is the wood treated with chemicals?

Backyard Discovery uses 100% Chinese Cedar wood which is naturally bug resistant, decay and rot resistant. To help ensure your child's safety, our wood is completely chemical free and we do not use pressure-treated wood. The stain we use is a top coat using a water-based product that is for appearance only.

5. How often should the playset be stained?

Backyard Discovery recommends the playset be stained once each year. A water or oil based stain can be used at the customer's discretion.

6. Why does it seem that my swing set is developing cracks?

Wood is a natural material; no two pieces are exactly alike. Each piece has its own characteristics and personality and reacts differently to climate changes. When any wood product is exposed to the elements, it develops "wood checks". A check is the radial separation of the wood fibers running with the grain of the wood. These are caused by the varying temperature and moisture conditions. A check is not a crack – it does not affect the strength or durability of the wood or structural integrity of the play set.

7. Do Backyard Discovery playsets come with a warranty?

Yes. All Backyard Discovery products carry a 1-year replacement warranty on all parts for manufacturer's defect. Our wood carries a 5 year warranty on rot and decay as well. Please see warranty details for more information.

8. What is the best way to get started assembling the playset?

Backyard Discovery recommends taking all the parts out of the boxes and arranging them by part number before you begin any assembly. This will not only allow faster assembly, but will also identify any parts that may be missing or damaged so they can be replaced before assembly. If parts are missing or need replacement, go to

www.swingsetonline.com/support.aspx and follow the prompts to order them. Next, read the assembly manual and get the tools ready for the job as recommended in the manual. If the assembly manual is lost or misplaced a new one can be printed from Backyard Discovery's website: www.swingsetonline.com.

9. The playset seems to rock or sway too much. What's wrong?

Rocking is caused by uneven ground or obstructions such as rocks, roots, etc. under the ground rails. These should be removed and the ground underneath re-leveled to prevent rocking. Also ensure the playset is securely staked to the ground using the stakes provided.

10. The 2"x4" boards do not measure 2"x 4". Why not?

In the U.S. it is common practice to describe lumber dimensions using the rough cut sizes from the sawmill and not the finished dimensions. Retailers, home stores, etc. all use this accepted practice for describing lumber dimensions. However, Backyard Discovery playsets are designed and constructed using the actual dimensions so everything fits properly and remains so during the life of the playset.

11. The end beam is not straight up and down. Why not?

This is normal. Backyard Discovery designs playsets this way to ensure the strongest structure possible. The slight angle adds strength and reduces rocking and twisting.

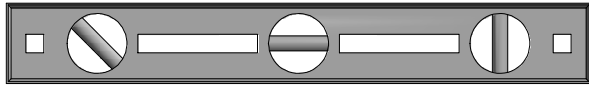
12. The S-hooks for the swings won't close. What is wrong?

Backyard Discovery recommends placing them on a hard surface such as concrete (don't do this on anything that will dent such as metal or finished wood or glass which will break!). It will take quite a few strokes, but the hooks will close.

For more information and frequently asked questions, please refer to our website at www.swingsetonline.com.

Tools Required for Installation:

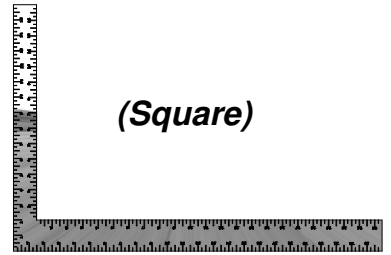
(These are the tools that are generally required for assembly of our outdoor products.
These tools are not included in the outdoor product purchase.)



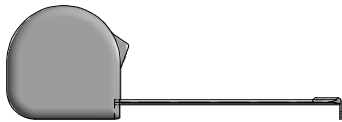
(Level 24")



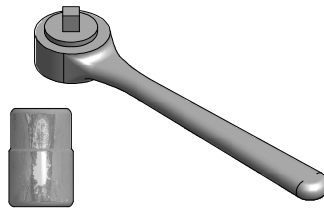
(Open End Wrenches 1/2")



(Square)



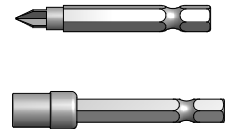
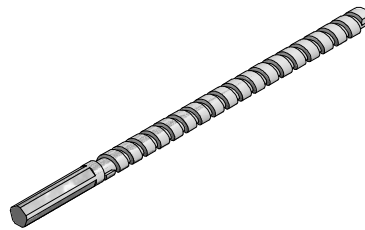
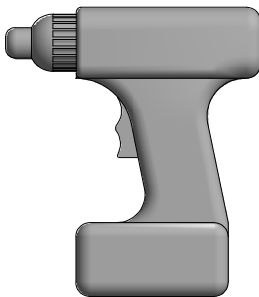
(Tape Measure)



**(Drive Ratchet, 1/2" STD
Sockets & 1/2" Deep Sockets)**



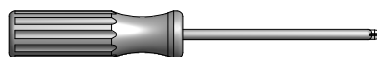
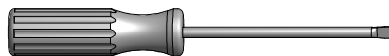
(Claw Hammer)



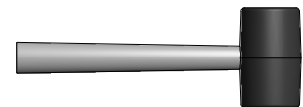
**(Cordless Drill or Electric Drill) (3/16", 5/16", 3/8" & 1/8" Drill Bits) (Drill Attachments: Phillips
Head & Socket Driver)**



(An Adult w/ an Adult Helper)



**(Phillips & Straight
Blade Screw Drivers)**



(Rubber Mallet - Optional)

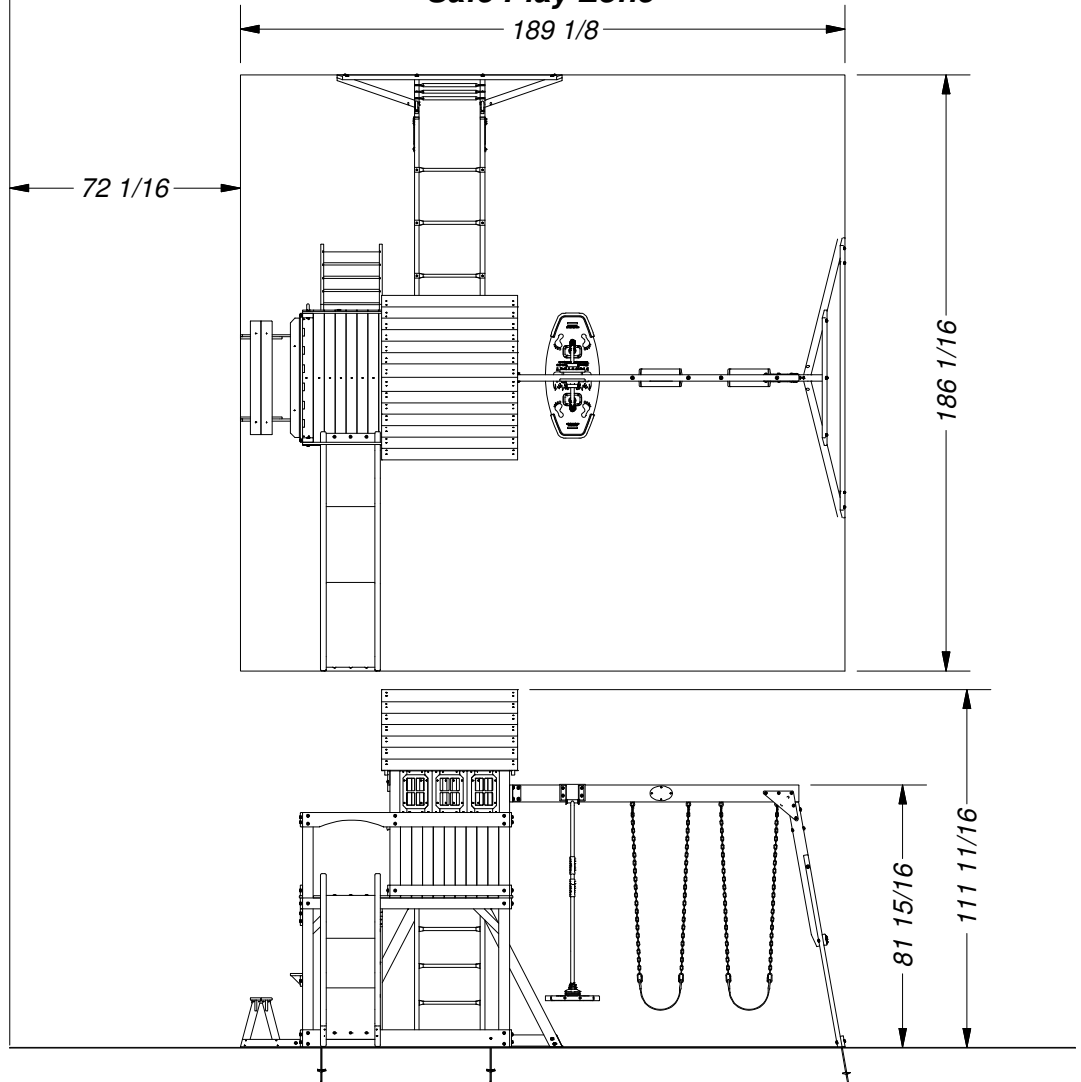


Ladder

Basic Setup Dimensions

Place the set on level ground, not less than 6 ft [2 m] from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

Safe Play Zone



Important Assembly Notes

Safe play height: 14'-11 1/2" [2.7 m]
Maximum fall height: 6'-4 1/2" [1.9 m]

- 1) While assembling unit, take time before and after each phase to make sure fort is level. If fort is not level, assembly will be difficult and improper assembly may result. Extra care must be taken to insure the fort is square.
- 2) Pay close attention to the ITEMS NEEDED FOR EACH PHASE. They can be a valuable aid when sorting your wood and hardware. Assembly will be made easier if items are sorted by phase.
- 3) Pay close attention to make sure you are using the correct hardware in the correct phases. Using incorrect hardware may result in improper assembly.
- 4) Whenever a T-nut is used, follow these directions. Place T-nut in pre-drilled hole. Tap in with hammer. Place bolt with washers in the opposite side. Hand tighten to make sure the bolt is in the T-nut. DO NOT over tighten.
- 5) Read the steps of each phase thoroughly. The written steps may include important information not shown in the illustrations.

Parts Identification

Wood Components

(NOT TO SCALE)



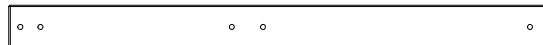
- (2) **E2 - TOWER LEG - W101445**
1 3/8"x3 3/8"x89 1/2" (36x86x2274)



- (2) **E3 - TOWER LEG - W101450**
1 3/8"x3 3/8"x73 1/8" (36x86x1856)



- (2) **E4 - MONKEY BAR UPRIGHT - W101733**
1 3/8"x3 3/8"x71 3/8" (36x86x1812)



- (2) **E5 - CLUB HOUSE LEG - W101490**
1 3/8"x3 3/8"x42 1/2" (36x86x1078)



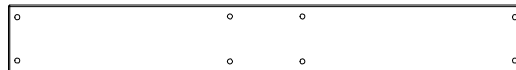
- (2) **E71 - MONKEY BAR RAIL - W102369**
1 3/8"x3 3/8"x60 5/8" (36x86x1539)



- (2) **E77 - ANGLE BRACE - W100991**
1 3/8"x3 3/8"x74 3/8" (36x86x1890)



- (4) **F1 - DECK BRACE - W101504**
1 3/8"x2 3/8"x15 3/4" (36x60x400)



- (1) **G1 - SWING BEAM MOUNT - W101495**
1"x5 1/4"x40 3/8" (24x134x1024)



- (1) **H1 - FLOOR RAIL - W101449**
1"x3 3/8"x64 3/4" (24x86x1644)



- (1) **H2 - FLOOR RAIL - W101457**
1"x3 3/8"x64 3/4" (24x86x1644)



- (4) **H3 - ROOF RAFTER - W101502**
1"x3 3/8"x34" (24x86x864)

Parts Identification

Wood Components

(NOT TO SCALE)



- (2) **H4 - TABLE SUPPORT - W100560**
1"x2"x4" (24x51x102)



- (1) **H5 - FLOOR JOIST - W102374**
1"x3 3/8"x64 3/4" (24x86x1644)



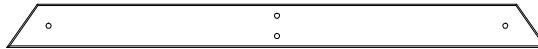
- (1) **H74 - LEFT UPRIGHT - W100608**
1"x3 3/8"x50 3/4" (24x86x1290)



- (1) **H75 - RIGHT UPRIGHT - W100609**
1"x3 3/8"x50 3/4" (24x86x1290)



- (4) **H76 - LADDER RUNG - W100611**
1"x3 3/8"x18 1/8" (24x86x460)



- (1) **H79 - END SUPPORT - W100992**
1"x3 1/2"x42" (24x86x1072)



- (1) **H80 - GROUND BOARD - W100990**
1"x3 3/8"x87 3/8" (24x86x2218)



- (2) **H81 - MONKEY BAR BRACE - W100993**
1"x3 3/8"x53 1/4" (24x86x1352)



- (1) **H82 - MONKEY BAR GROUND BOARD - W100994**
1"x3 3/8"x70 3/8" (24x86x1786)



- (4) **J1 - FLOOR SUPPORT - W101037**
1"x2 3/8"x3" (24x60x76)



- (2) **K1 - BASE BOARD - W101451**
5/8"x5 1/4"x64 3/4" (16x134x1644)



- (2) **K2 - BASE BOARD - W101452**
5/8"x5 1/4"x40 3/8" (16x134x1024)



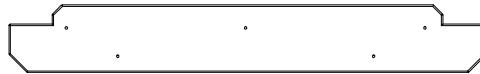
- (1) **K3 - ARCHED WALL BOARD - W101456**
5/8"x5 1/4"x40 3/8" (16x134x1024)



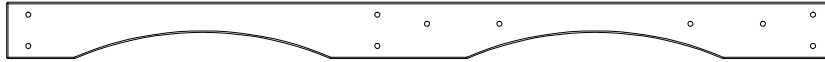
Parts Identification

Wood Components

(NOT TO SCALE)



- (1) **K4 - COUNTER TOP - W101455**
5/8"x5 1/4"x37 3/8" (16x134x948)



- (1) **L1 - WALL RAIL - W101730**
5/8"x4 3/8"x64 3/4" (16x112x1644)



- (1) **L2 - WALL RAIL - W101487**
5/8"x4 3/8"x64 3/4" (16x112x1644)



- (2) **L3 - WALL RAIL - W101489**
5/8"x4 3/8"x40 3/8" (16x112x1024)



- (1) **L4 - CLUB HOUSE WALL RAIL - W101491**
5/8"x4 3/8"x40 3/8" (16x112x1024)



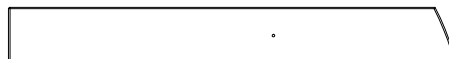
- (2) **L5 - OUTER FLOOR BOARD - W102376**
5/8"x4 3/8"x37 1/2" (16x112x952)



- (2) **L6 - BAY WINDOW HEADER - W100571**
5/8"x4 3/8"x30 1/2" (16x112x774)



- (2) **L7 - GABLE MOON - W100572**
5/8"x4 3/8"x13" (16x112x330)



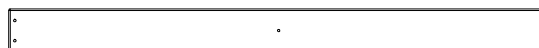
- (1) **L9 - DOOR BOARD - W101233**
5/8"x4 3/8"x35" (16x112x890)



- (1) **L10 - DOOR BOARD - W101229**
5/8"x4 3/8"x35" (16x112x890)



- (2) **M1 - WALL BOARD - W101501**
5/8"x3"x34 3/8" (16x76x874)



- (17) **M3 - FLOOR BOARD - W102375**
5/8"x3 3/8"x42 1/4" (16x86x1072)

Parts Identification

Wood Components

(NOT TO SCALE)



- (2) **M4 - WALL BOARD - W101510**
5/8"x3 3/8"x40 5/8" (16x86x1032)



- (11) **M5 - WALL BOARD - W101497**
5/8"x3 3/8"x38 7/8" (16x86x986)



- (1) **M6 - FLOOR RAIL - W102373**
5/8"x3 3/8"x40 3/8" (16x86x1024)



- (2) **M7 - WALL BOARD - W100579**
5/8"x3 3/8"x40" (16x86x1016)



- (5) **M8 - WALL RAIL - W101454**
5/8"x3 3/8"x40 3/8" (16x86x1024)



- (2) **M9 - WALL RAIL - W101496**
5/8"x3 3/8"x37 1/2" (16x86x951)



- (1) **M10 - WALL RAIL - W101494**
5/8"x3 3/8"x37 1/2" (16x86x951)



- (9) **M11 - WALL BOARD - W100583**
5/8"x3 3/8"x20" (16x86x508)



- (2) **M12 - WALL RAIL - W101731**
5/8"x3 3/8"x6 3/4" (16x86x173)



- (2) **M13 - WALL RAIL - W101500**
5/8"x3 3/8"x8 1/2" (16x86x216)



- (1) **M14 - WALL RAIL - W102372**
5/8"x3 3/8"x40 3/8" (16x86x1024)



- (8) **M15 - WALL BOARD - W101506**
5/8"x3 3/8"x3 1/2" (16x86x88)



- (3) **M16 - WALL BOARD - W101732**
5/8"x3 3/8"x16 1/4" (16x86x412)

Parts Identification

Wood Components

(NOT TO SCALE)



- (9) **M17 - WALL BOARD - W101493**
5/8"x3 3/8"x21 3/8" (16x86x542)



- (4) **M18 - BENCH BRACE - W100847**
5/8"x3 3/8"x3 3/8" (16x86x86)



- (2) **M19 - DOOR BOARD - W101230**
5/8"x3 3/8"x35 3/4" (16x86x908)



- (2) **M21 - DOOR BOARD - W101232**
5/8"x3 3/8"x21 1/4" (16x86x540)



- (2) **M22 - DOOR BOARD - W101231**
5/8"x3 3/8"x6 1/4" (16x86x160)



- (2) **M31 - BENCH SEAT - W101258**
5/8"x3 3/8"x35 3/8" (16x86x900)



- (1) **M73 - REAR SUPPORT - W100610**
5/8"x3 3/8"x19 1/4" (16x86x488)



- (1) **M77 - SLIDE BRACE - W100544**
5/8"x3 3/8"x17 1/4" (16x86x438)



- (2) **M78 - CENTER SLIDE BRACE - W100545**
5/8"x3 3/8"x17 1/4" (16x86x438)



- (2) **N3 - GABLE BOARD - W100590**
5/8"x2 3/8"x31 1/2" (16x60x800)



- (6) **N4 - PICKET - W101492**
5/8"x2 3/8"x21 3/8" (16x60x542)



- (6) **N5 - BAY WINDOW BOARD - W100592**
5/8"x2 3/8"x13 1/8" (16x60x332)



- (2) **N6 - GABLE BOARD - W100593**
5/8"x2 3/8"x13" (16x60x330)



- (4) **N7 - GABLE BOARD - W100594**
5/8"x2 3/8"x8" (16x60x202)

Parts Identification

Wood Components

(NOT TO SCALE)



- (2) **N8 - WALL BOARD SUPPORT - W100595**
5/8"x2 3/8"x6 3/4" (16x60x170)



- (6) **N9 - BAY WINDOW BOARD - W100596**
5/8"x2 3/8"x6 1/4" (16x60x158)



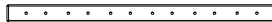
- (4) **N10 - BENCH LEG - W100846**
5/8"x2 3/8"x15 3/4" (16x60x400)



- (1) **N11 - DOOR STOP - W101236**
5/8"x2 3/8"x2" (16x60x51)



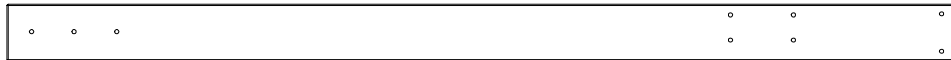
- (2) **N31 - BENCH GROUND BOARD - W100845**
5/8"x2 3/8"x18 7/8" (16x60x480)



- (3) **O1 - DOOR CLEAT - W101234**
5/8"x1 3/8"x21" (16x34x534)



- (14) **R1 - ROOF BOARD - W101503**
3/4"x5 1/2"x42 1/2" (18x140x1081)



- (1) **SB73 - SWING BEAM WAVE RIDER - W103224**
2"x5 1/4"x89 1/2" (50x134x2274)



- (2) **T7 - BENCH SEAT SUPPORT - W100848**
1"x1 3/8"x5 7/8" (24x34x150)



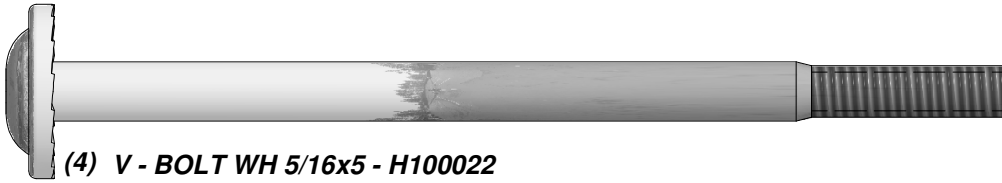
- (1) **W71 - SWING BEAM SUPPORT - W102305**
2"x3 3/8"x46 1/8" (50x86x1170)



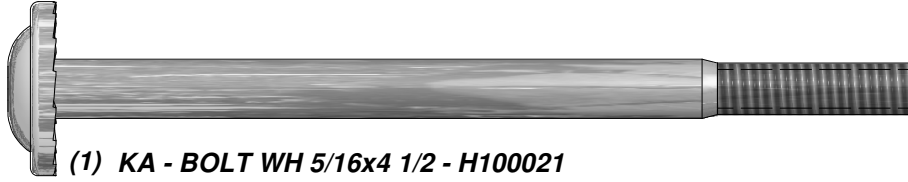
- (2) **Y1 - WALL BOARD - W101499**
5/8"x4"x34 3/8" (16x102x874)

Parts Identification

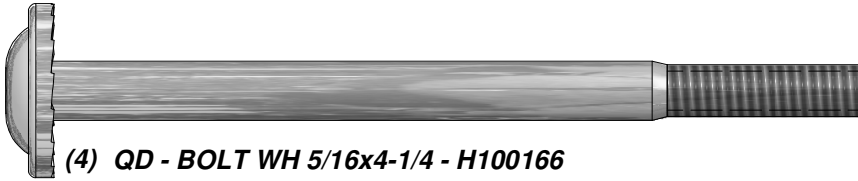
Hardware



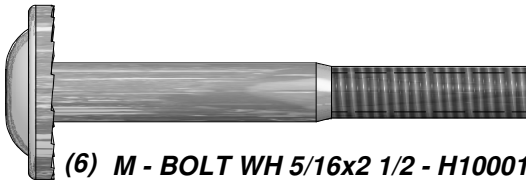
(4) V - BOLT WH 5/16x5 - H100022



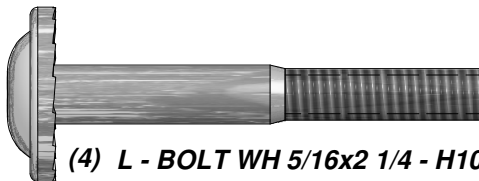
(1) KA - BOLT WH 5/16x4 1/2 - H100021



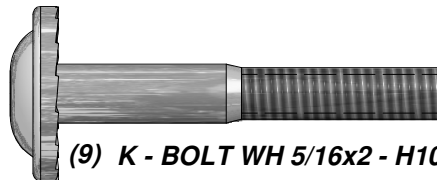
(4) QD - BOLT WH 5/16x4-1/4 - H100166



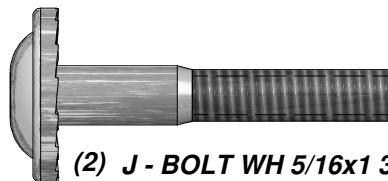
(6) M - BOLT WH 5/16x2 1/2 - H100014



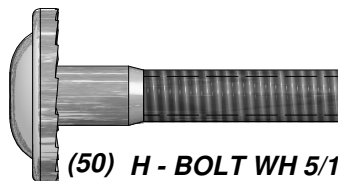
(4) L - BOLT WH 5/16x2 1/4 - H100013



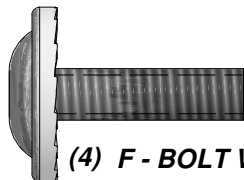
(9) K - BOLT WH 5/16x2 - H100012



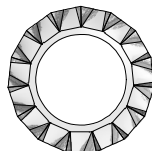
(2) J - BOLT WH 5/16x1 3/4 - H100011



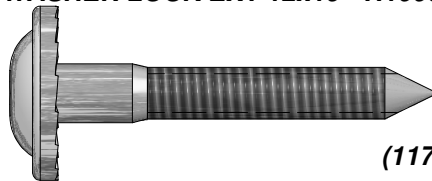
(50) H - BOLT WH 5/16x1 1/2 - H100010



(4) F - BOLT WH 5/16x1 - H100008



(64) AD - WASHER LOCK EXT 12x19 - H100031



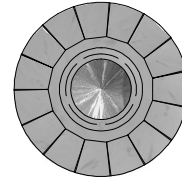
(48) Z - LAG SCREW WH 5/16x2 - H100027



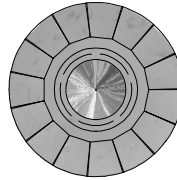
(2) AA - LAG SCREW WH 5/16x2 1/2 - H100028



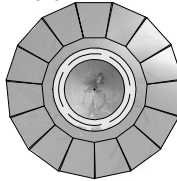
(9) LC - LAG SCREW WH 1/4x1-1/2 - H100145



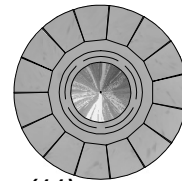
(4) E - NUT BARREL WH 5/16x1 3/4 - H100007



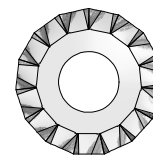
(2) C - NUT BARREL WH 5/16x1 1/2 - H100006



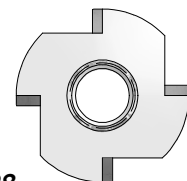
(52) D - NUT BARREL WH 5/16x7/8 - H100005



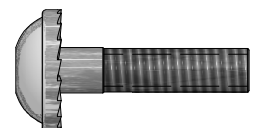
(11) B - NUT BARREL WH 5/16x5/8 - H100004



(117) AC - WASHER LOCK EXT 8x19 - H100030



(35) BG - T-NUT 5/16 - H100074



(2) KT - BOLT WH 1/4x1 - H100137



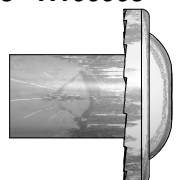
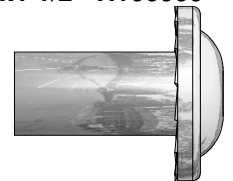
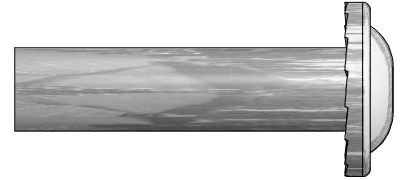
(15) CM - BOLT WH 5/16x1/2 - H100115



(26) BC - SCREW PWH 8x3/4 - H100070

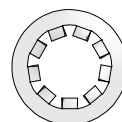
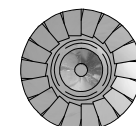
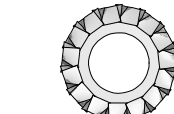
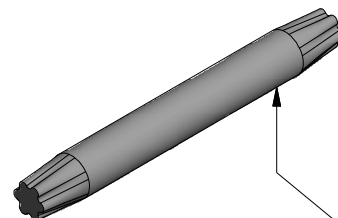
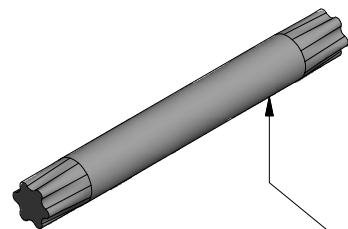
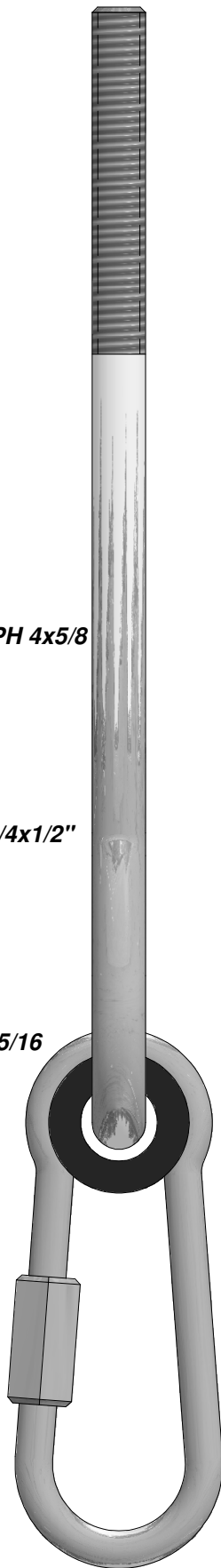
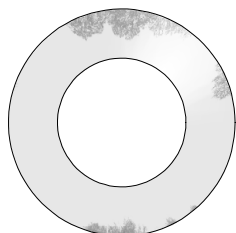
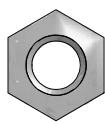
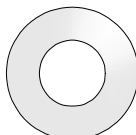
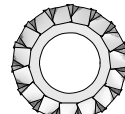
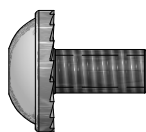
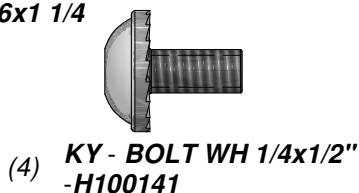
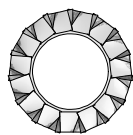
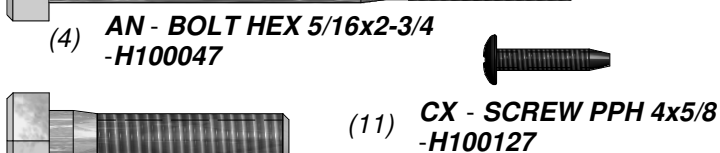
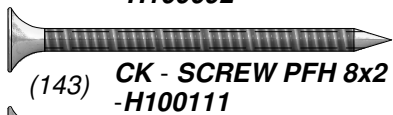


(7) CY - SCREW PWH 8x5/8 - H100128



Parts Identification

Hardware



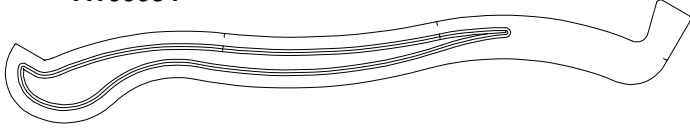
Parts Identification

Accessories

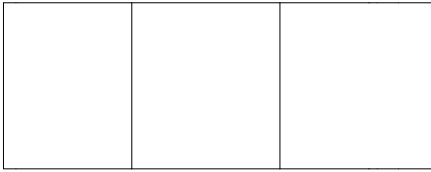
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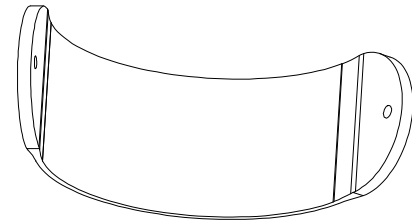
(1) **EK - SLIDE RAIL 8' GREEN RIGHT**
-A100054



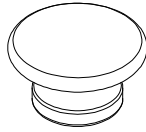
(1) **EL - SLIDE RAIL 8' GREEN LEFT**
-A100055



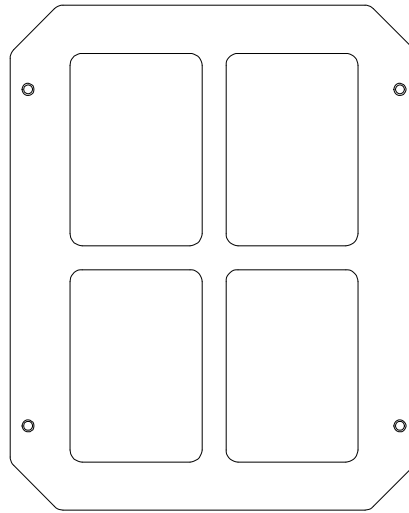
(1) **EM - SLIDE BED 8' YELLOW**
-A100056



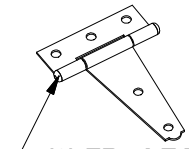
(2) **- SWING SEAT GREEN**
-A6P00054



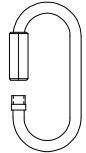
(1) **HZ - KNOB**
-A100071



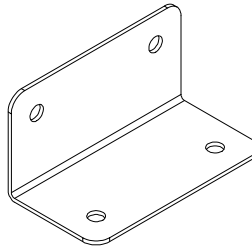
(6) **GK - WINDOW 216x267 GREEN**
-A100146



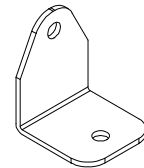
(2) **FR - LEAF HINGE**
- A100093



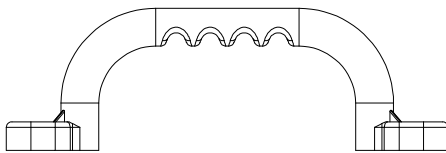
(4) **FA - QUICK LINK**
-A100069



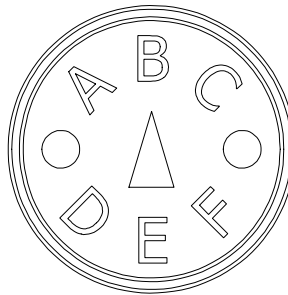
(2) **GD - L BRACKET 66x66x127**
-A100140



(6) **EJ - L BRACKET 54x67**
-A100053



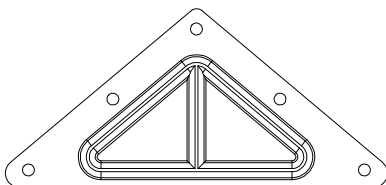
(4) **EA - HAND GRIP YELLOW PLASTIC**
-A100043



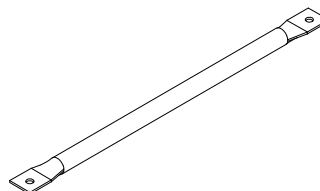
(1) **SR - "B" REVISION TAG**
-A100315



(1) **HC - BYD ID TAG (LARGE) 2011 WITH AGES**
-A100164



(4) **QZ - TRIANGLE PLATE 100° 5 HOLE**
-A100294



(6) **EC - METAL RUNG 559**
-A100045



(6) **KC - METAL GROUND STAKE BROWN**
-A100178



(4) **EZ - CHAIN GREEN 51.25\"/>**

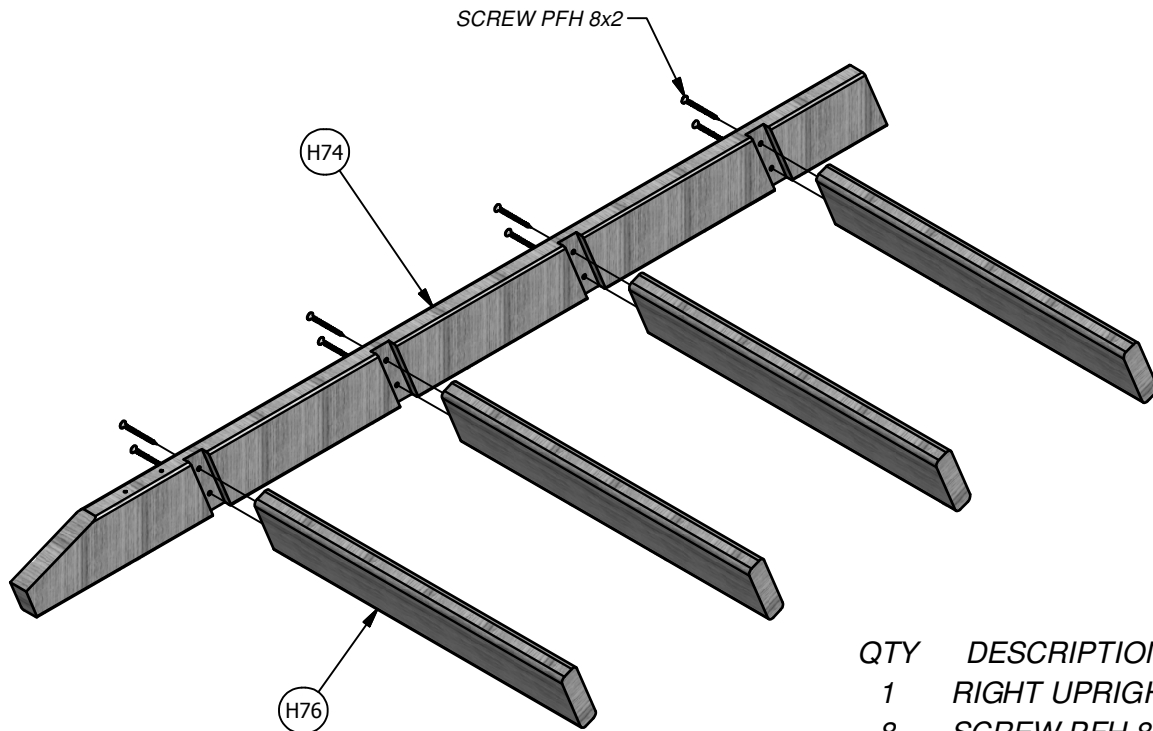
4 Ft Ladder

Phase 1 & 2

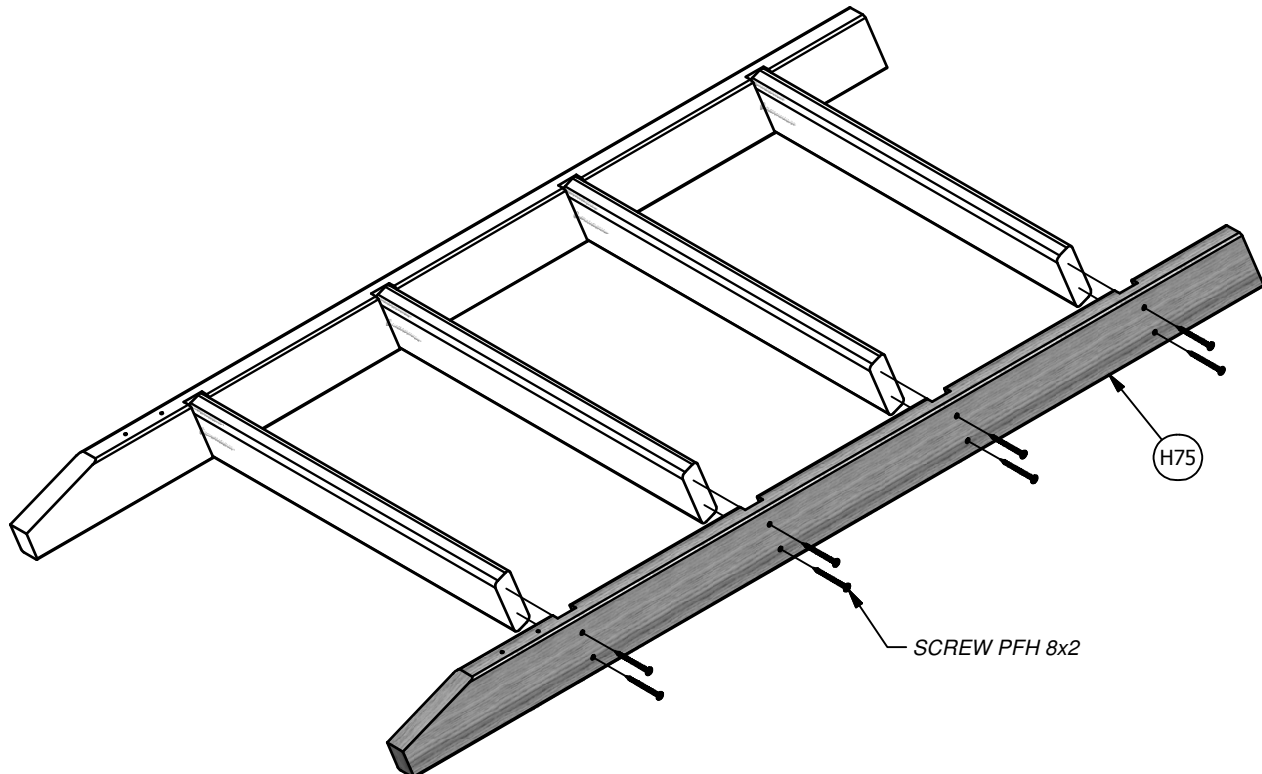
Phase Notes

- Assemble with hardware as shown.
- Center rungs in rail grooves.

QTY	DESCRIPTION	LABEL
1	LEFT UPRIGHT	H74
4	LADDER RUNG	H76
8	SCREW PFH 8x2	



QTY	DESCRIPTION	LABEL
1	RIGHT UPRIGHT	H75
8	SCREW PFH 8x2	

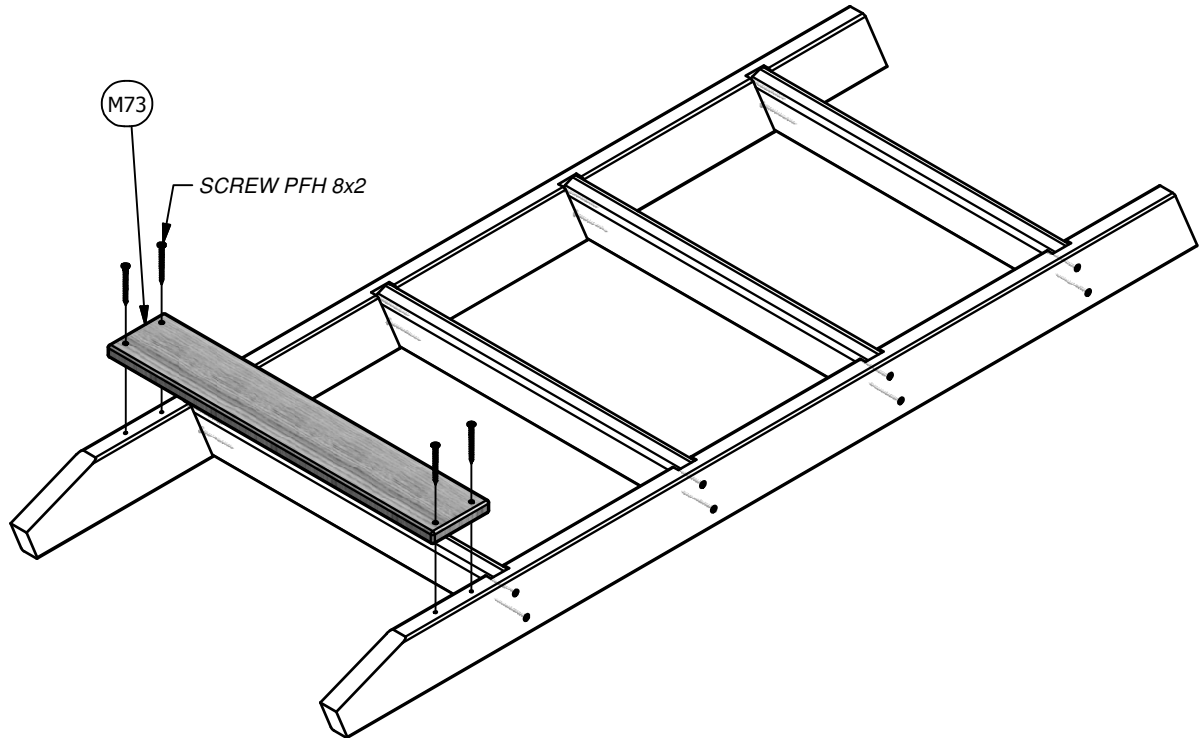


4 Ft Ladder

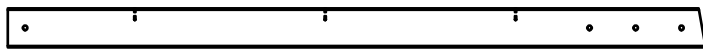
Phase 3

Phase Notes

- Assemble with hardware as shown.



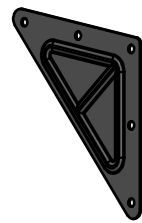
QTY	DESCRIPTION	LABEL
1	REAR SUPPORT	M73
4	SCREW PFH 8x2	



(2) E71 - MONKEY BAR RAIL - W102369
1 3/8"x3 3/8"x60 5/8" (36x86x1539)



(4) EJ - L BRACKET 54x67 - A100053

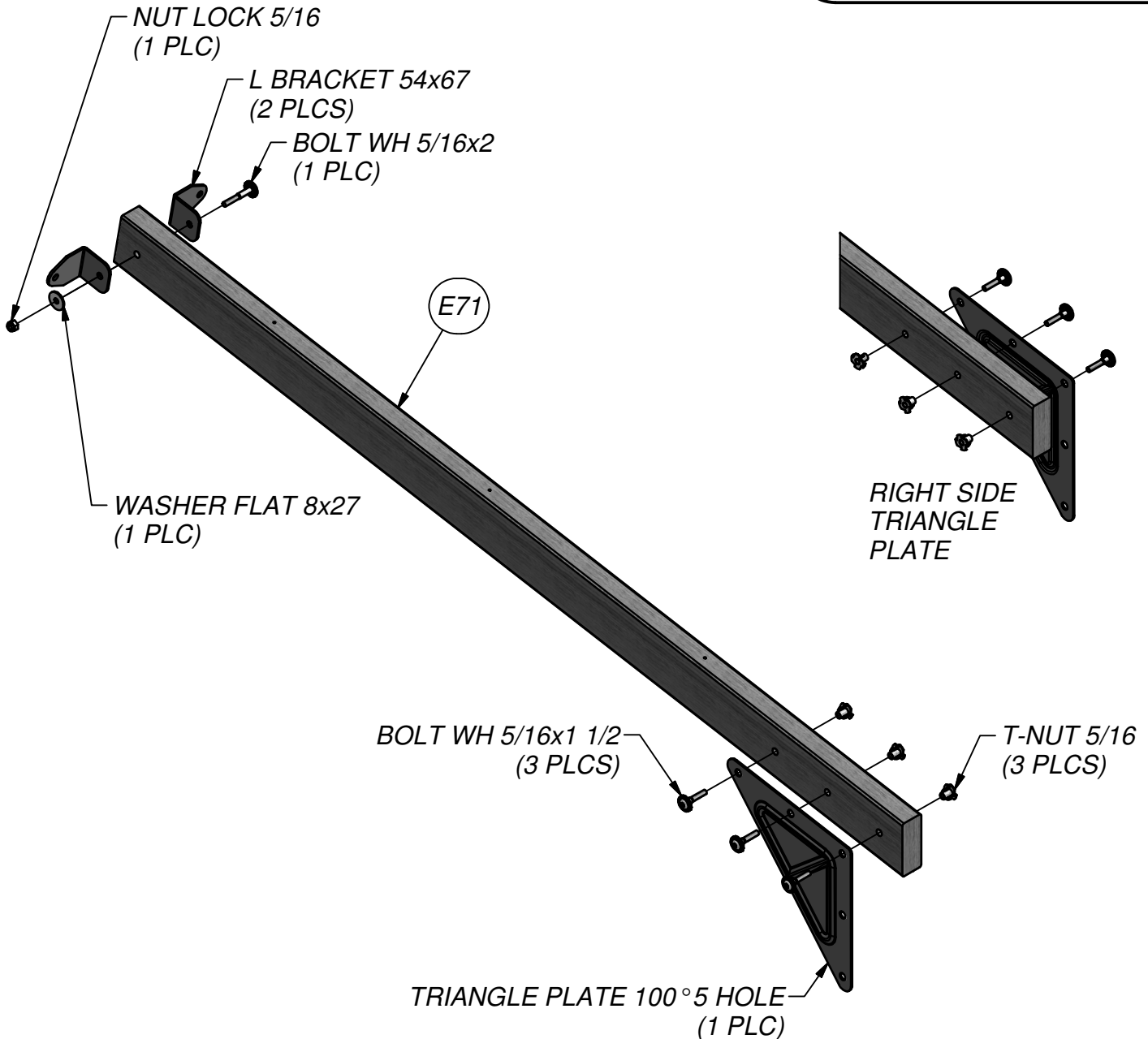
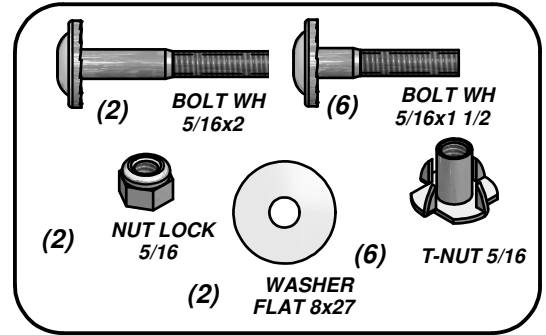


(2) QZ - TRIANGLE PLATE 100° 5 HOLE - A100294

MONKEY BAR ASSEMBLY STEP 1

YOU WILL BUILD A LEFT AND RIGHT TOP RAIL IN THIS STEP.

AFTER BUILDING LEFT ASSEMBLY AS SHOWN, REPEAT STEP AND BUILD A RIGHT ASSEMBLY. SEE BELOW FOR ORIENTATION OF RIGHT SIDE TRIANGLE PLATE.

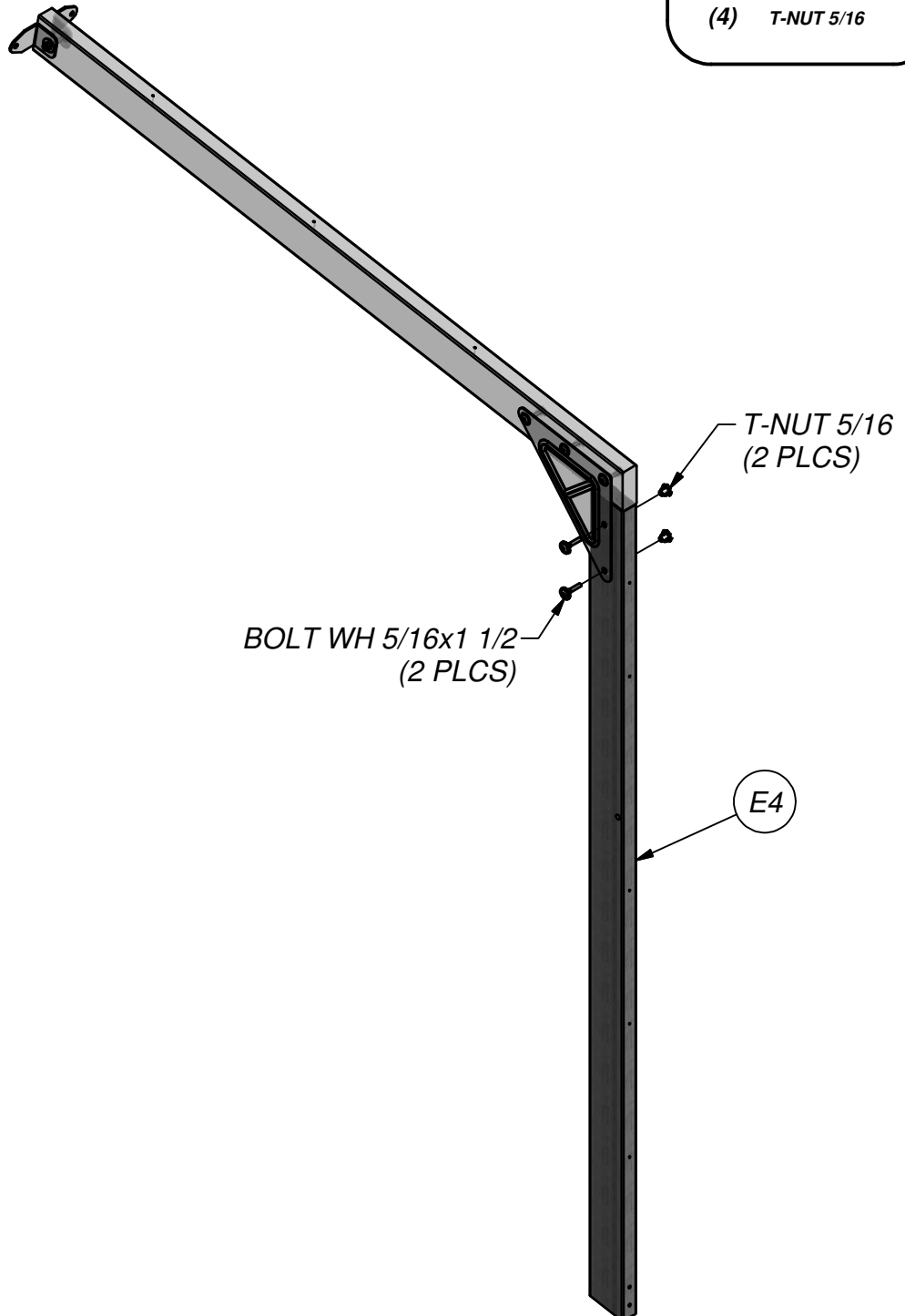
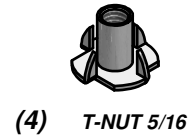
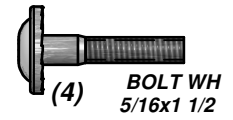




- (2) **E4 - MONKEY BAR UPRIGHT - W101733**
1 3/8"x3 3/8"x71 3/8" (36x86x1812)

MONKEY BAR ASSEMBLY STEP 2

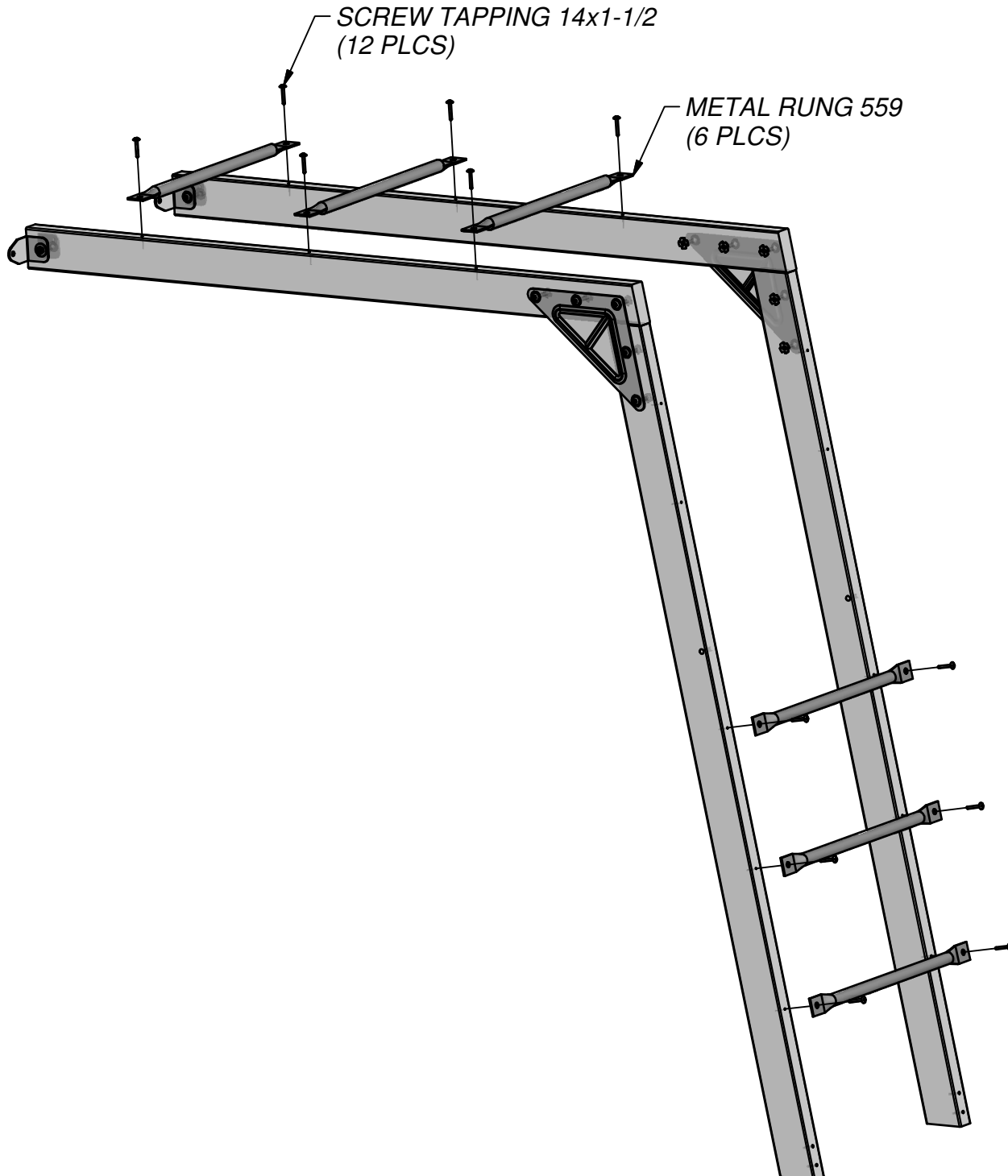
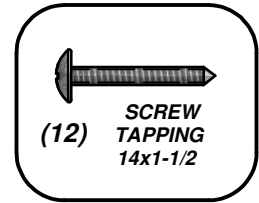
REPEAT STEP FOR OTHER SIDE OF
MONKEY BAR ASSEMBLY.





(6) METAL RUNG
559

MONKEY BAR ASSEMBLY STEP 3



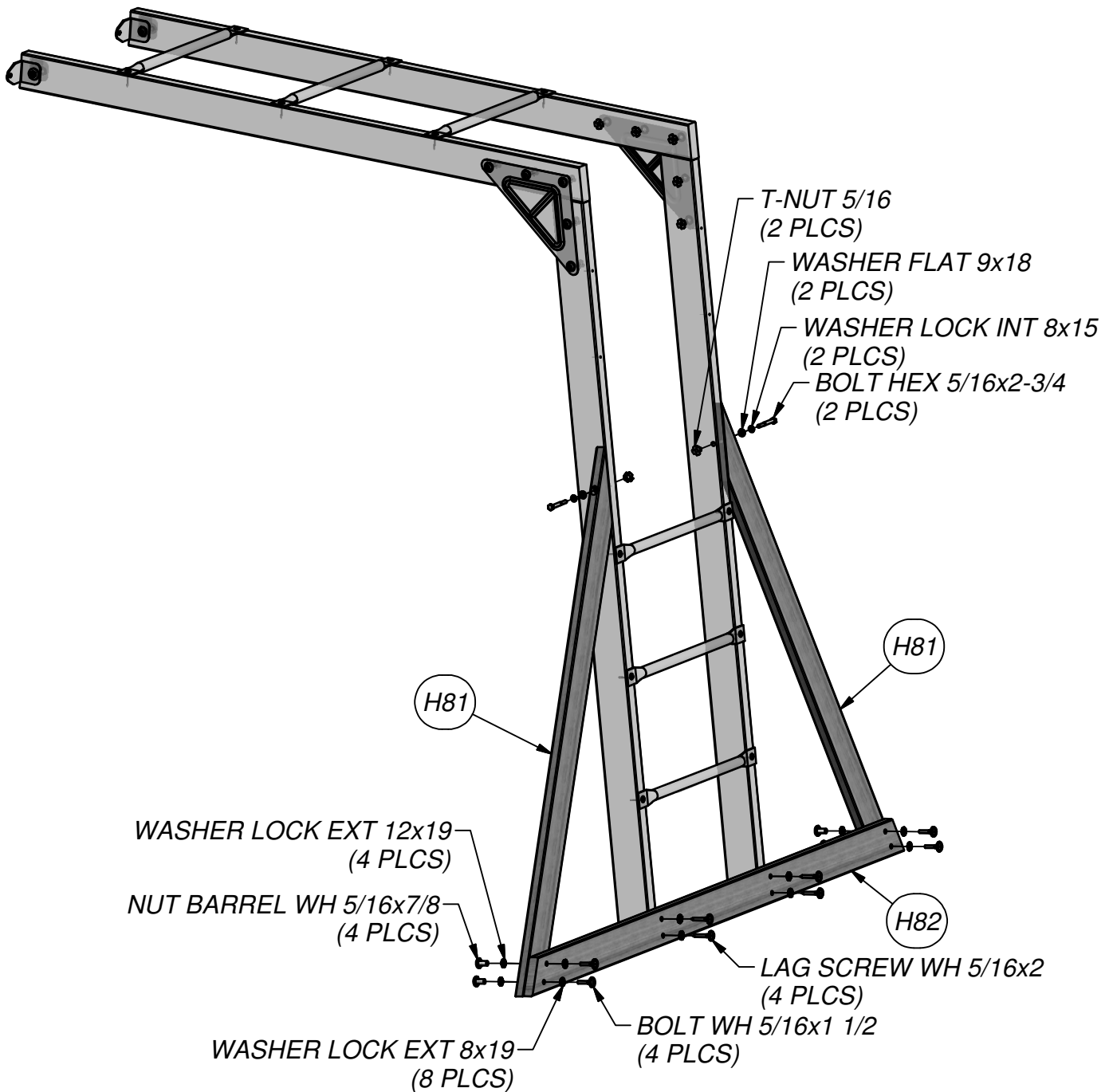
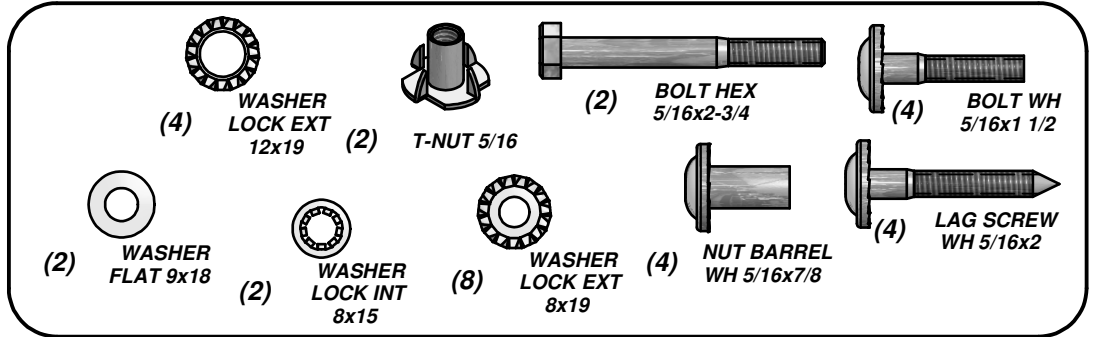


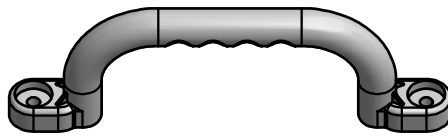
(2) **H81 - MONKEY BAR BRACE - W100993**
1"x3 3/8"x53 1/4" (24x86x1352)



(1) **H82 - MONKEY BAR GROUND BOARD - W100994**
1"x3 3/8"x70 3/8" (24x86x1786)

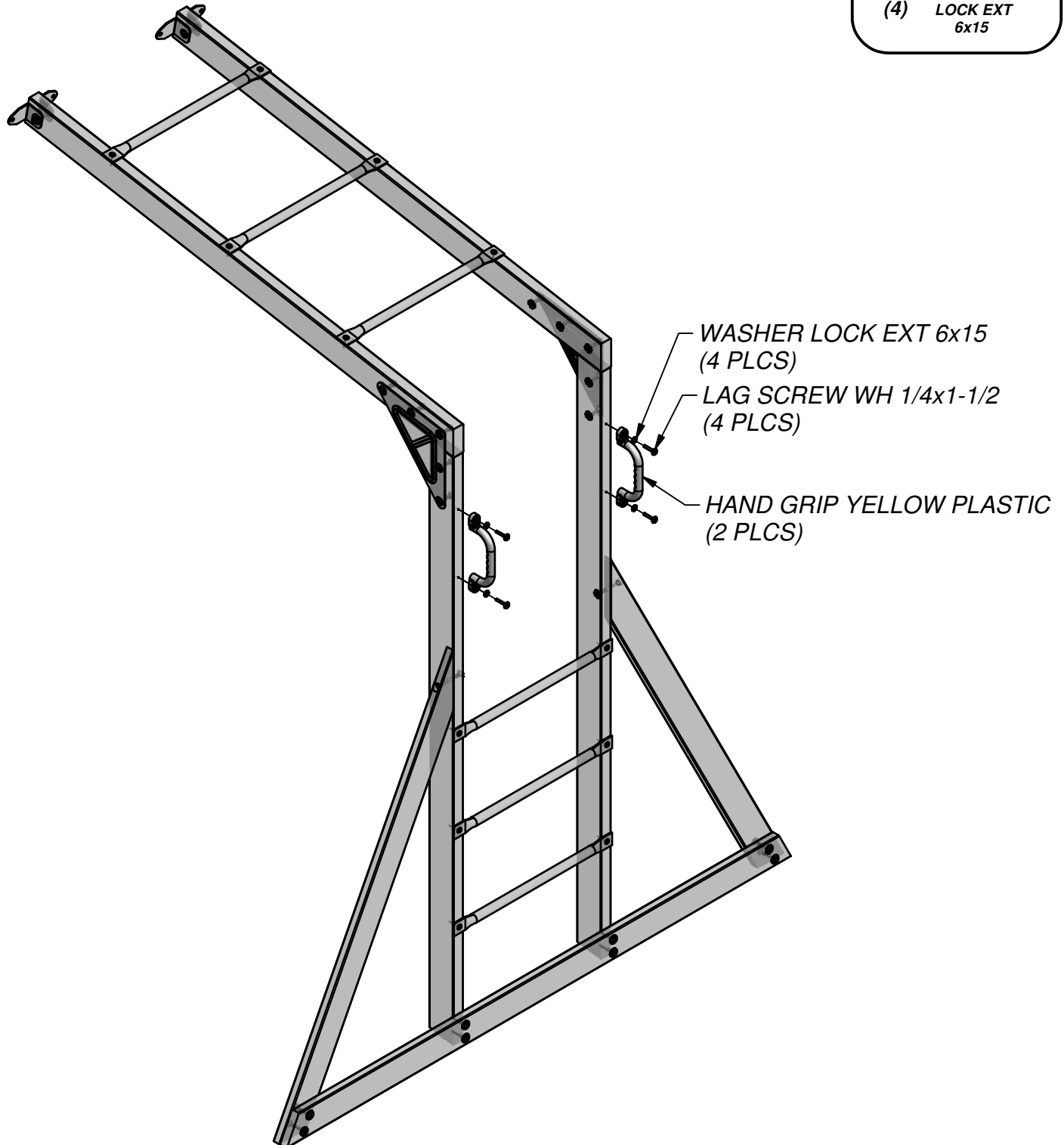
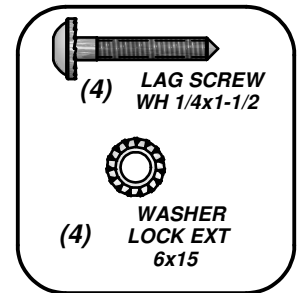
MONKEY BAR ASSEMBLY STEP 4

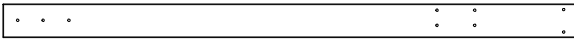




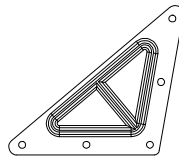
(2) EA - HAND GRIP YELLOW PLASTIC - A100043

MONKEY BAR ASSEMBLY STEP 5

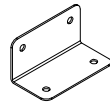




(1) **SB73 - SWING BEAM WAVE RIDER - W103224**
2"x5 1/4"x89 1/2" (50x134x2274)



(2) **QZ - TRIANGLE PLATE 100 5 HOLE - A100294**



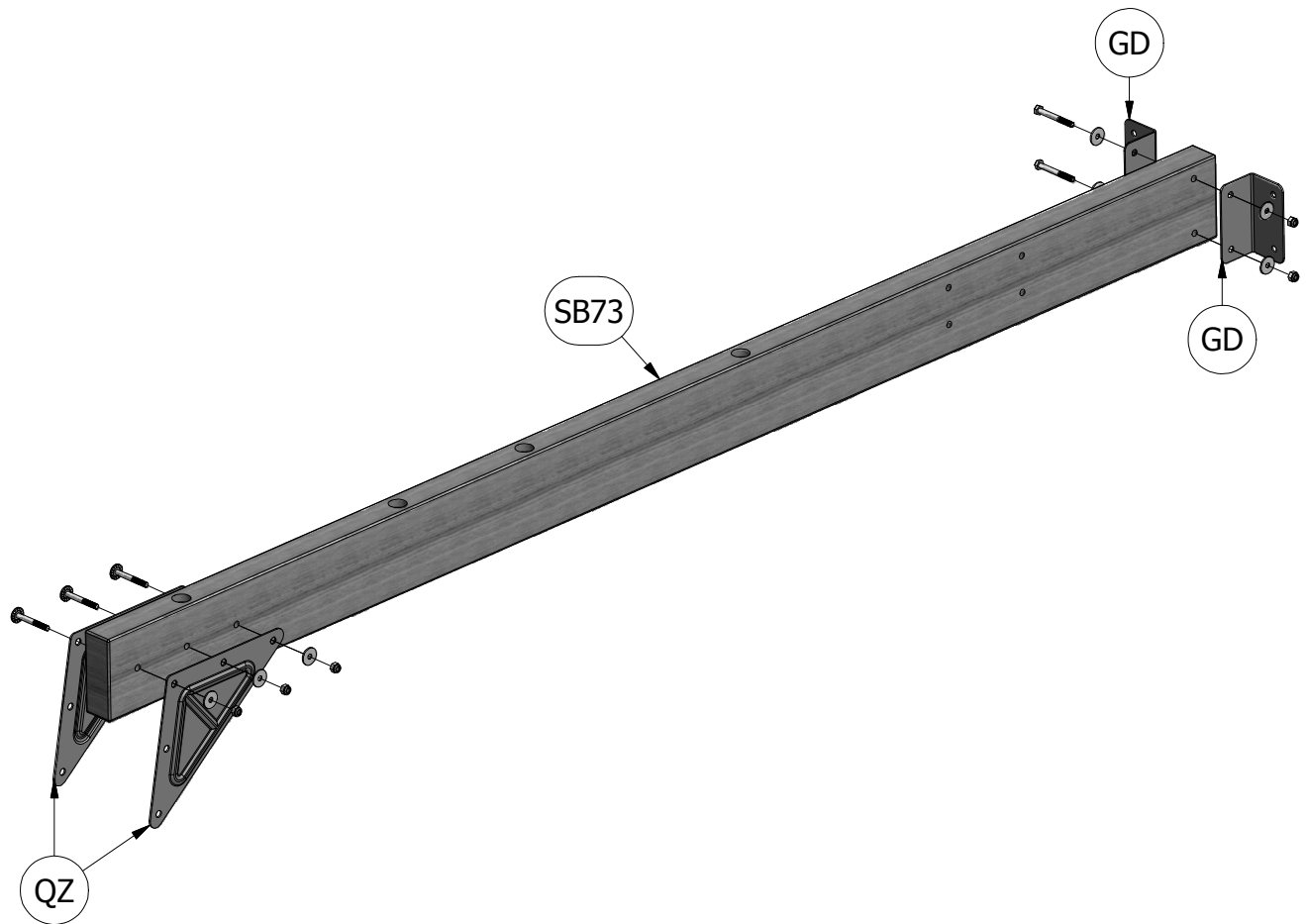
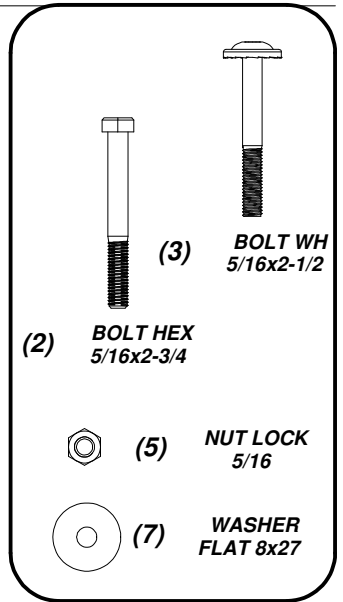
(2) **GD - L BRACKET 66x66x127 - A100140**

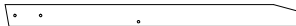
SWING BEAM ASSEMBLY

STEP 1

ATTACH (2) QZ TRIANGLE PLATES TO SB73 SWING BEAM USING 2-1/2" BOLTS, WASHERS AND 5/16" LOCK NUTS.

ATTACH (2) GD L BRACKETS TO SB73 SWING BEAM USING 2-3/4" HEX BOLTS, FLAT WASHERS AND 5/16" LOCK NUTS.

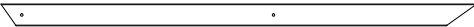




- (1) **W71 - SWING BEAM SUPPORT - W102349**
2"x3 3/8"x47 3/8" (50x86x1204)



- (1) **H79 - END SUPPORT - W100992**
1"x3 1/2"x42" (24x86x1072)



- (2) **E77 - ANGLE BRACE - W100991**
1 3/8"x3 3/8"x74 3/8" (36x86x1890)



- (1) **H80 - GROUND BOARD - W100990**
1"x3 3/8"x87 3/8" (24x86x2218)

SWING BEAM ASSEMBLY

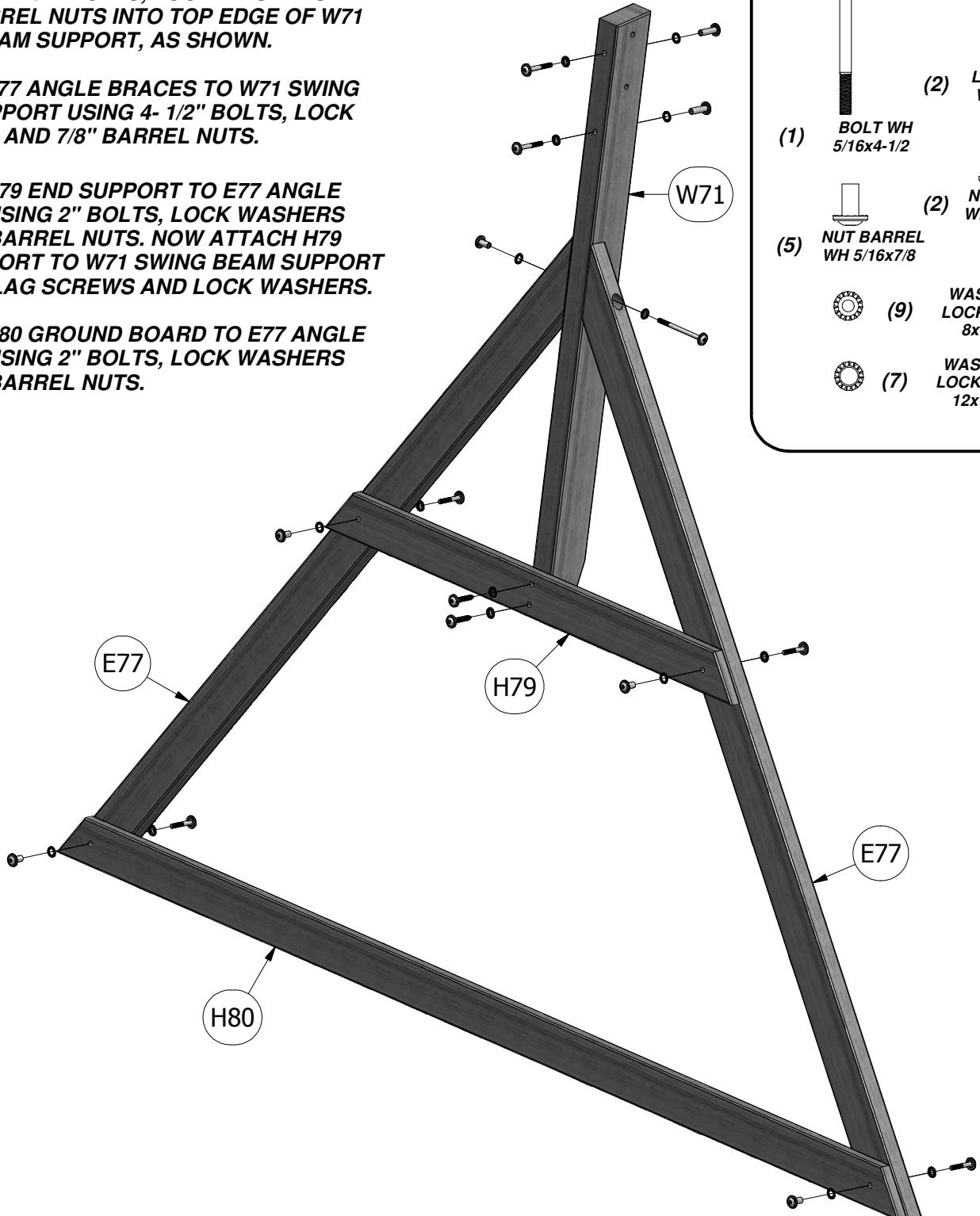
STEP 2


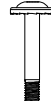






INSERT (2) 2-1/2" BOLTS, LOCK WASHERS AND 1-1/2" BARREL NUTS INTO TOP EDGE OF W71 SWING BEAM SUPPORT, AS SHOWN.

ATTACH E77 ANGLE BRACES TO W71 SWING BEAM SUPPORT USING 4- 1/2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS.

ATTACH H79 END SUPPORT TO E77 ANGLE BRACES USING 2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS. NOW ATTACH H79 END SUPPORT TO W71 SWING BEAM SUPPORT USING 2" LAG SCREWS AND LOCK WASHERS.

ATTACH H80 GROUND BOARD TO E77 ANGLE BRACES USING 2" BOLTS, LOCK WASHERS AND 7/8" BARREL NUTS.



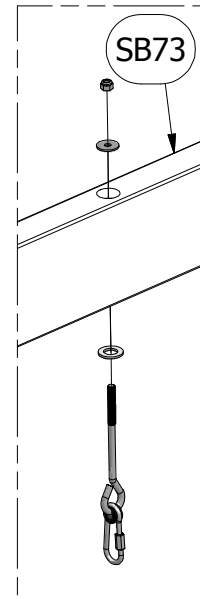
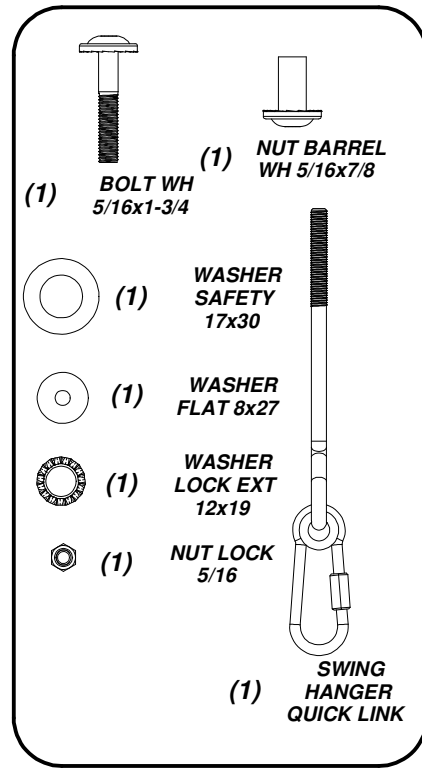
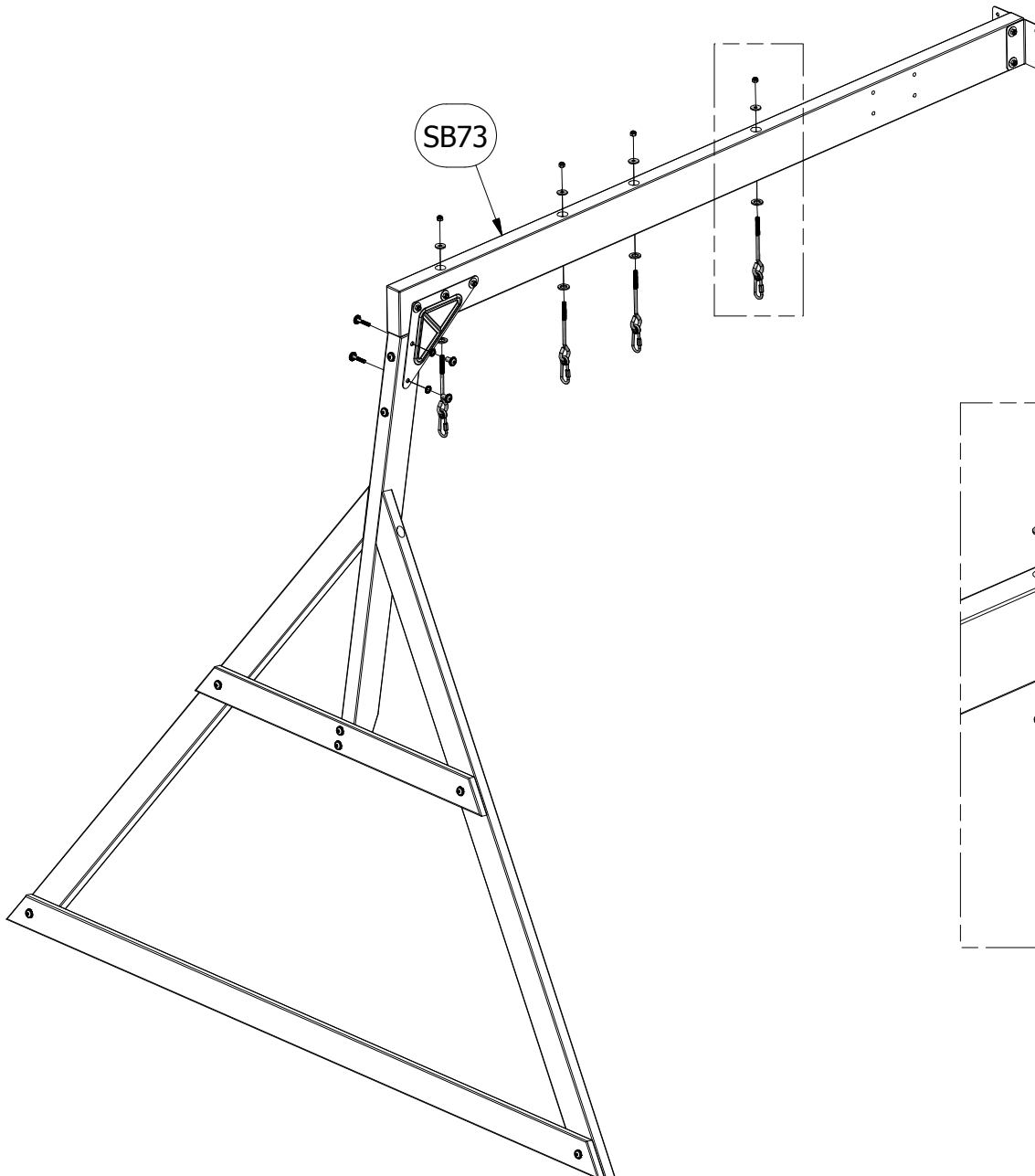
- | | |
|---|--|
| (4)  | (2)  |
| (1)  | (2)  |
| (5)  | (2)  |
| (9)  | (7)  |

SWING BEAM ASSEMBLY

STEP 3

ATTACH (2) QZ TRIANGLE PLATES TO W71 SWING BEAM SUPPORT USING 1-3/4" BOLTS, LOCK WASHER AND 7/8" BARREL NUT.

INSERT SWING HANGER QUICK LINK AND SAFETY WASHER INTO HOLES IN THE EDGE OF SB73 SWING BEAM. SECURE SWING HANGER TO SB73 SWING BEAM USING FLAT WASHERS AND 5/16" LOCK NUTS.



8 FOOT SLIDE ASSEMBLY

PHASE 1

STEP 1

- **PLACE SLIDE BRACE CENTERED ON THE BOTTOM 1/4" FROM THE EDGE.** TRANSFER HOLES ON THE BOARD THROUGH THE SLIDE BED AS SHOWN BELOW. USE A 3/8" DRILL BIT.
- **ATTACH SLIDE BRACE TO SLIDE USING HARDWARE SHOWN.**

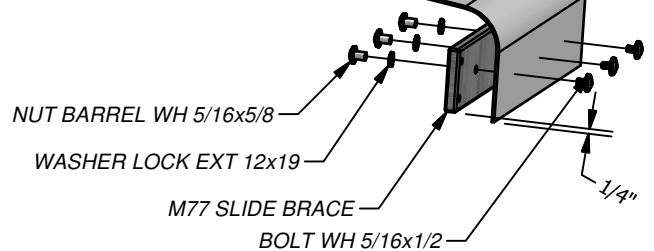
TOP

QTY	DESCRIPTION
1	SLIDE BRACE
3	BOLT WH 5/16x1/2
3	NUT BARREL WH 5/16x5/8
3	WASHER LOCK EXT 12x19
1	SLIDE BED 8' YELLOW

(SEE SLIDE ASSEMBLY
INSTALLATION STEP FOR
TOP MOUNTING HOLE
DRILLING LOCATIONS).

SLIDE BED 8' YELLOW

BOTTOM



USE M77 SLIDE BRACE AS A TEMPLATE FOR DRILLING BOTTOM HOLE PATTERN IN SLIDE BED. BE SURE TO PLACE SLIDE BRACE UP 1/4" FROM BOTTOM EDGE OF SLIDE BED BEFORE MARKING HOLE PATTERN.



TIP: PREBENDING THE ENDS WILL EASE ASSEMBLY.

8 FOOT SLIDE ASSEMBLY

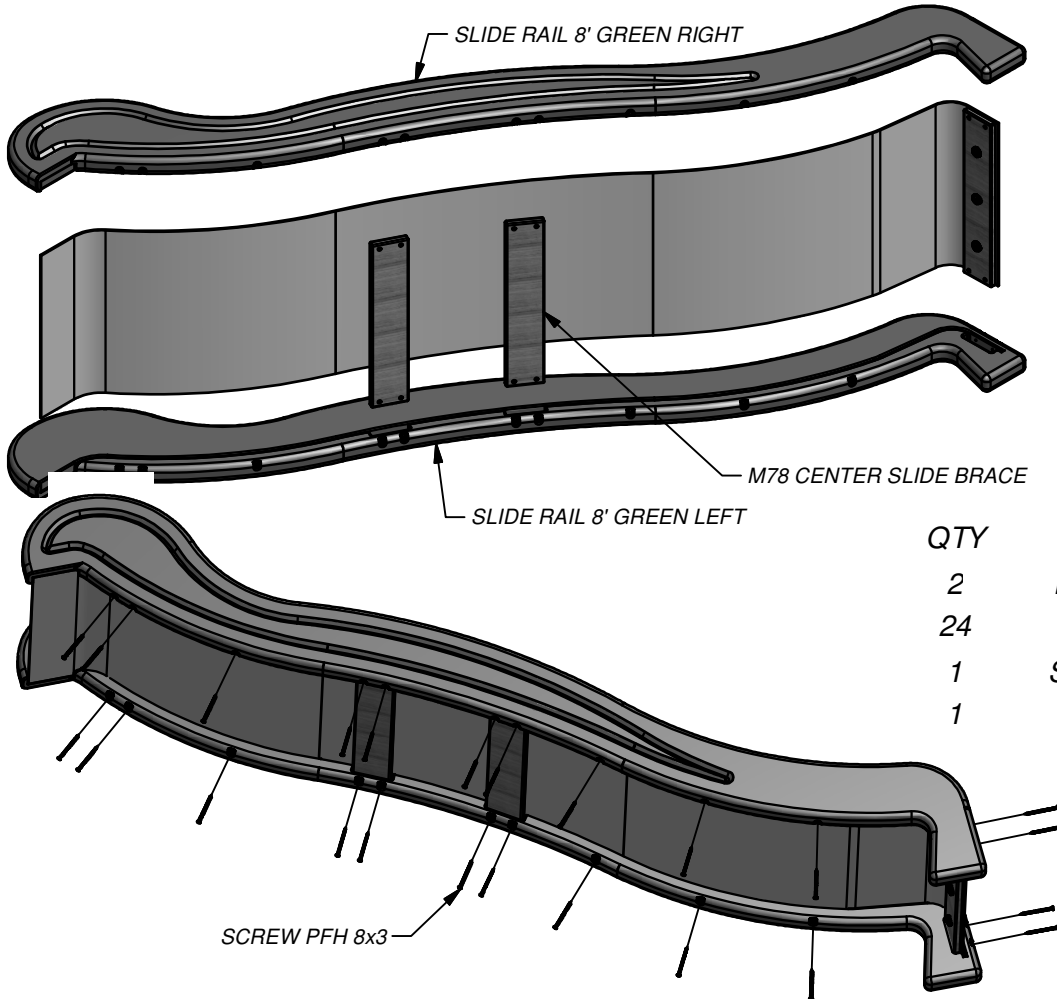
PHASE 2

STEP 2

- PLACE 1 SLIDE RAIL ON A FLAT SURFACE AND BEGIN INSERTING SLIDE BED AT THE BOTTOM OF THE SLIDE RAIL (FIG. 1). PUT SLIDE SUPPORT BOTTOM INTO THE SUPPORT POCKET AT THE BOTTOM OF THE RAIL AND HAVE A HELPER BEND THE SLIDE BED TOWARDS THE TOP OF THE SLIDE AND INSERT THE BED INTO THE SLIDE CAVITY. MAKE SURE SLIDE BED IS COMPLETELY DOWN IN THE SLIDE CAVITY. SECURE USING (12) 3" WOOD SCREWS AT EACH OF THE PILOT HOLE LOCATIONS AS SHOWN BELOW.
- PLACE THE OTHER SLIDE RAIL ON A FLAT SURFACE WITH THE SLIDE CAVITY UP. HAVE A HELPER HOLD THE TOP END OF SLIDE BED AND BEGIN INSERTING THE SLIDE BED AND SLIDE BRACES INTO THE CAVITY AND SUPPORT POCKETS STARTING AT THE BOTTOM OF SLIDE AND WORKING UP TO THE TOP (FIG. 2). SECURE USING (12) 3" WOOD SCREWS AT EACH OF THE PILOT HOLE LOCATIONS AS SHOWN BELOW.

NOTE:

**MAKE CERTAIN
SUPPORTS AND SLIDE
BED ARE FULLY
ENGAGED WITHIN
CHANNEL OF SLIDE
RAILS.**



QTY

2

24

1

1

DESCRIPTION

M78 CENTER SLIDE BRACE

SCREW PFH 8x3

SLIDE RAIL 8' GREEN RIGHT

SLIDE RAIL 8' GREEN LEFT

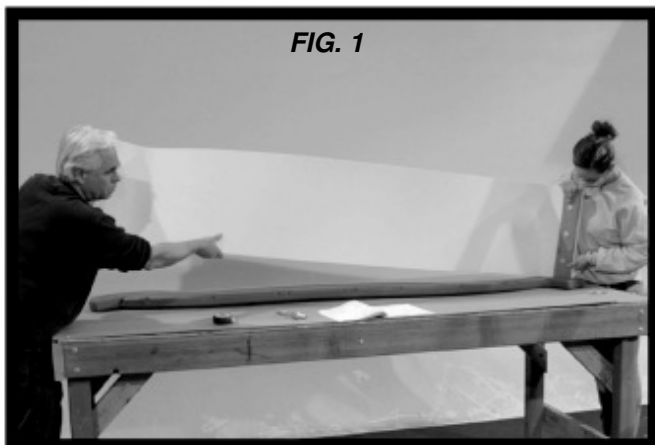


FIG. 1

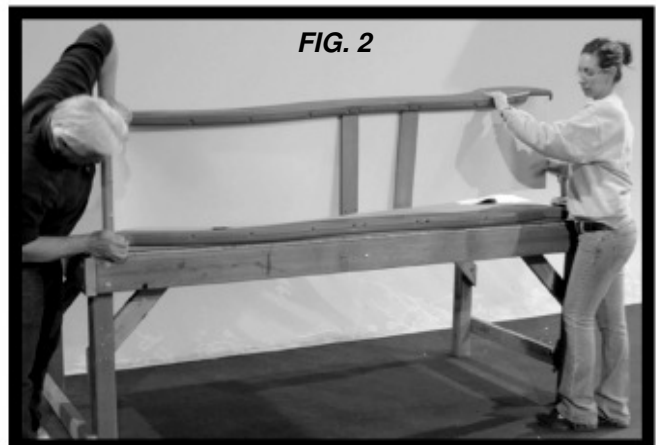
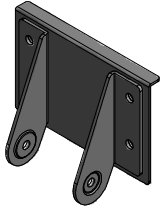


FIG. 2

TIP: A HELPER IS REQUIRED FOR THIS PHASE.

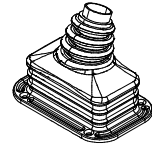
2 Person Wave Rider Parts & Hardware Identification



(2) **UF - UNIVERSAL 2 PERSON WAVE RIDER BEAM BRACKET**
- A100346



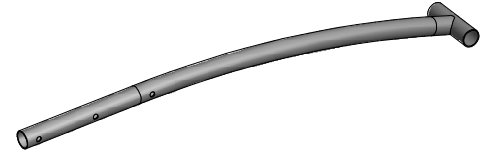
(4) **ML - WR HAND GRIP** - A100236



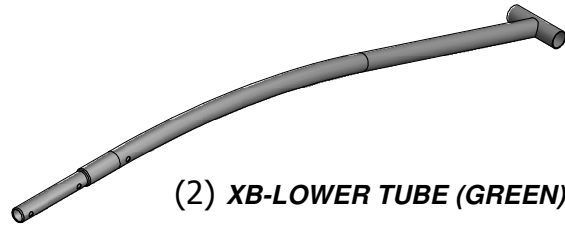
(2) **MG - BOOT (BLACK)** - A100235



(1) **LW - 5MM ALLEN WRENCH** - H100151



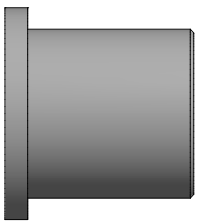
(2) **XC - 4' UPPER TUBE (GREEN)** - A100407



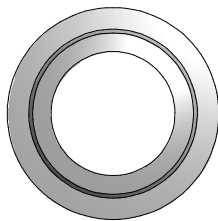
(2) **XB-LOWER TUBE (GREEN)**-A100406



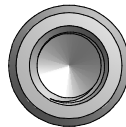
(1) **XG - 2 PERSON WAVE RIDER BOARD ASSEMBLY (YELLOW)** - A100410



(8) **MP - BUSHING 22.3x25** - H100153



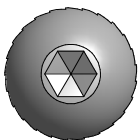
(4) **LX - PIVOT PIN 16x92** - H100152



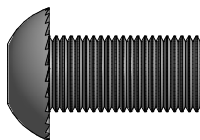
(8) **MD - SCREW PFH 10x3/4 (BLACK)** - H100158



(8) **MQ - BOLT (M10x19MM)** - H100154



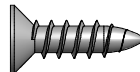
(8) **MA - SHOULDER BOLT (M5x22MM)** - H100155



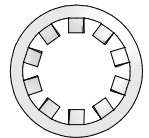
(8) **MB - BARREL NUT (M5x13MM)** - H100156



(8) **CF - WASHER LOCK INT 10x18** - H100107



(16) **MC - WASHER LOCK INT 7x12** - H100157



(2) XC - 4' UPPER TUBE (GREEN) - A100407

(2) XB - LOWER TUBE (GREEN) - A100406

(4) ML - WR HAND GRIP - A100236

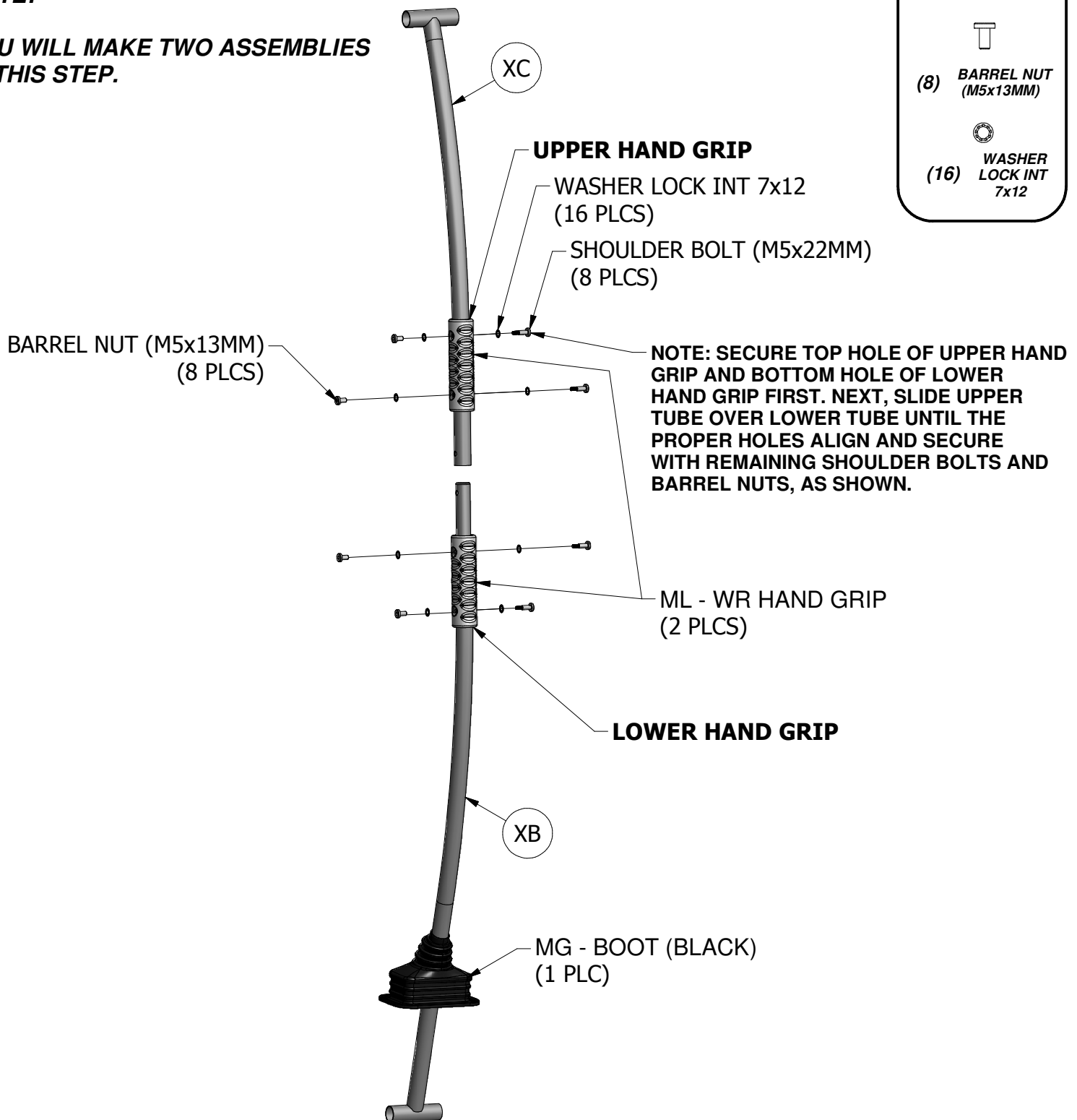
(2) MG - BOOT (BLACK) - A100235

Swing Arm Assemblies

STEP 1

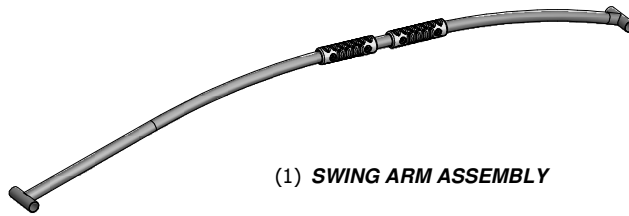
NOTE:

**YOU WILL MAKE TWO ASSEMBLIES
IN THIS STEP.**





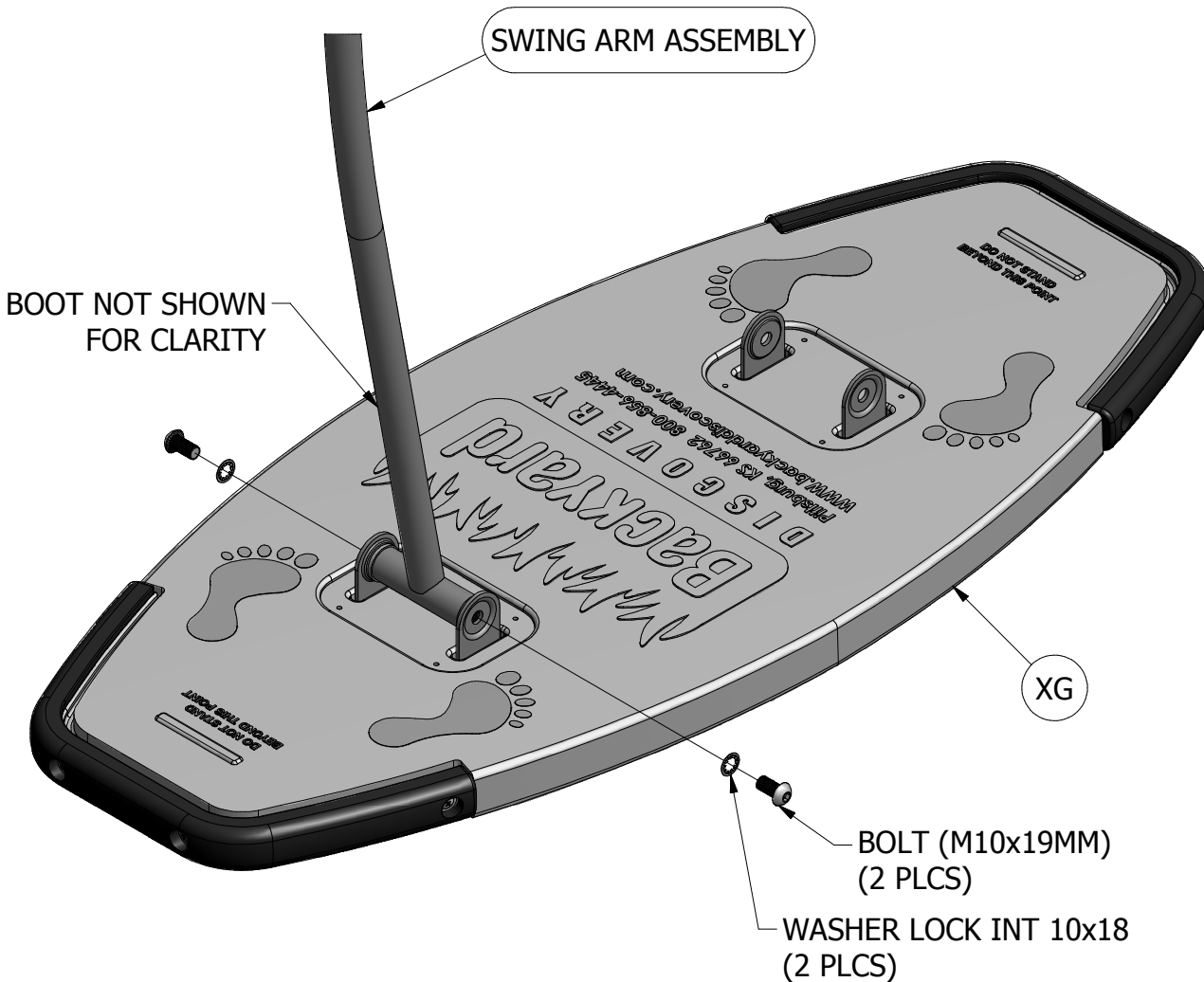
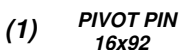
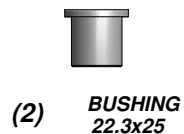
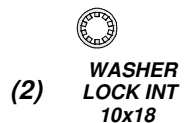
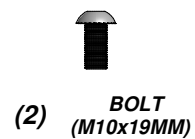
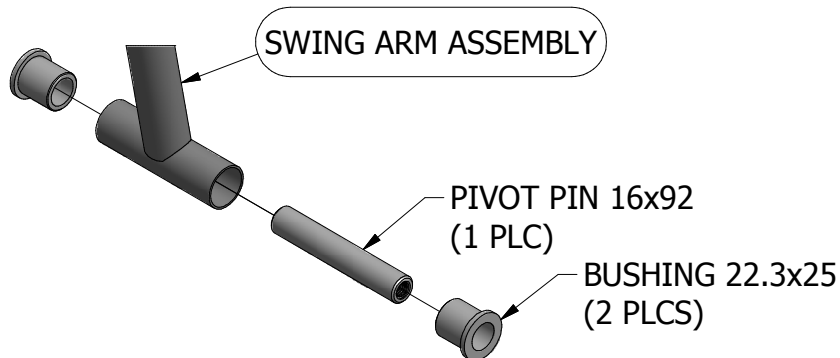
(1) XG - WAVE RIDER BOARD ASSEMBLY (YELLOW) - A100410



(1) SWING ARM ASSEMBLY

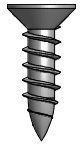
Front Swing Arm Assembly

STEP 2

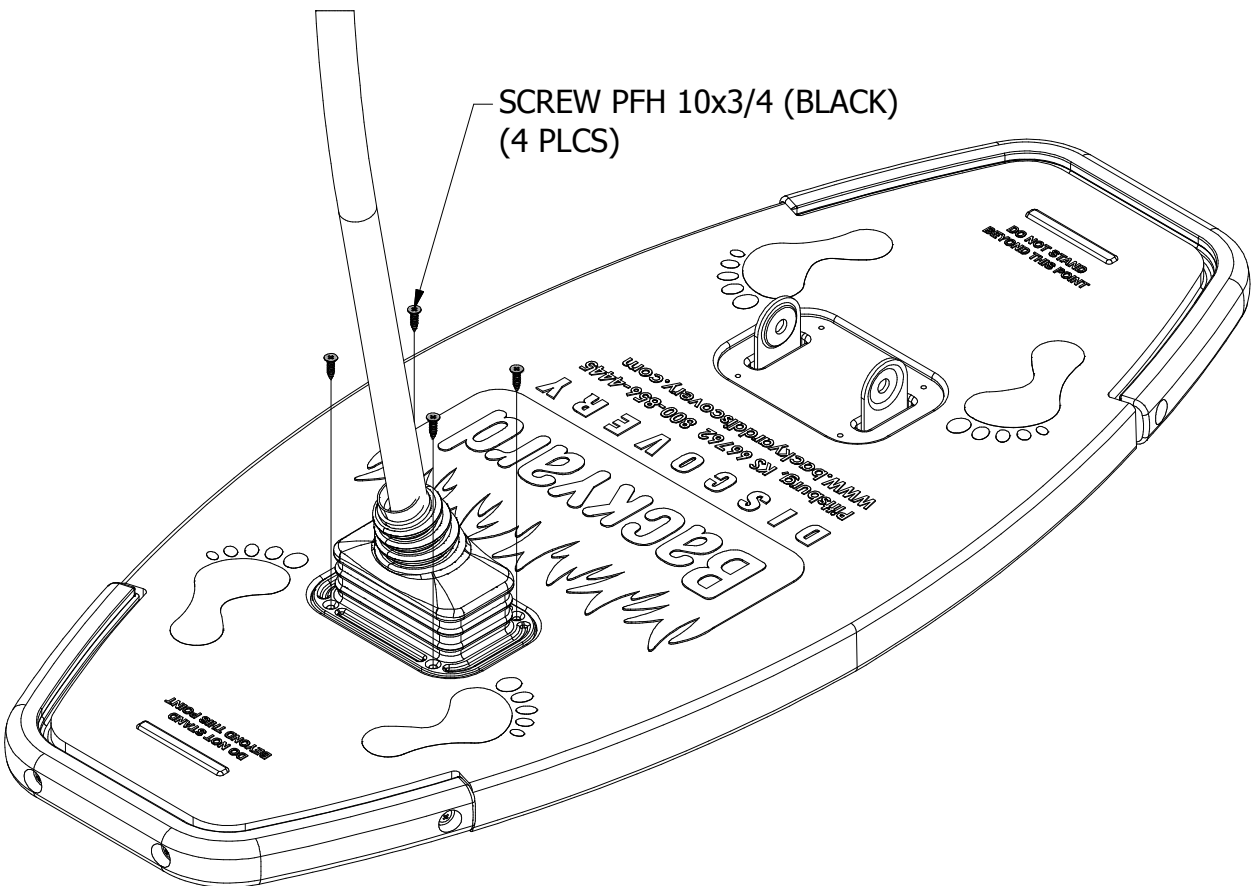


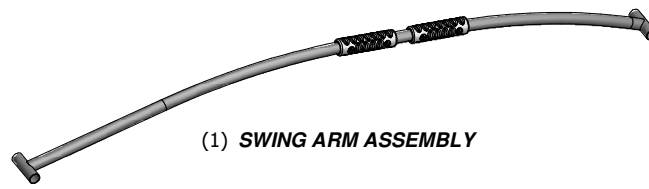
Front Boot to Board Assembly

STEP 3



SCREW PFH
(4) 10x3/4
(BLACK)

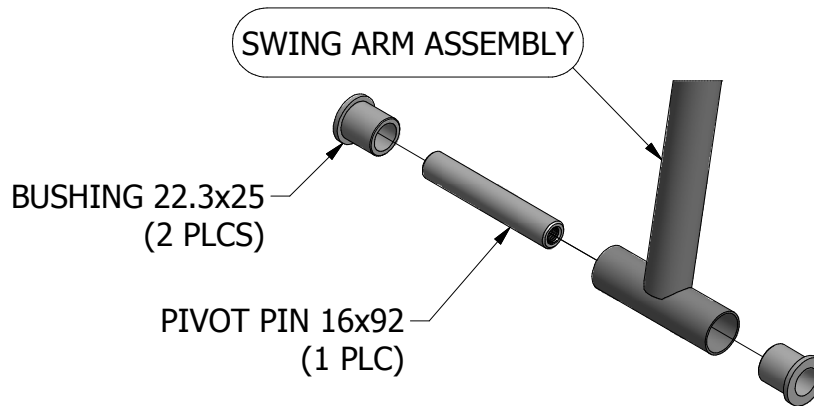




(1) SWING ARM ASSEMBLY

Rear Swing Arm Assembly to Board


STEP 4





BUSHING 22.3x25
(2 PLCS)


PIVOT PIN 16x92
(1 PLC)

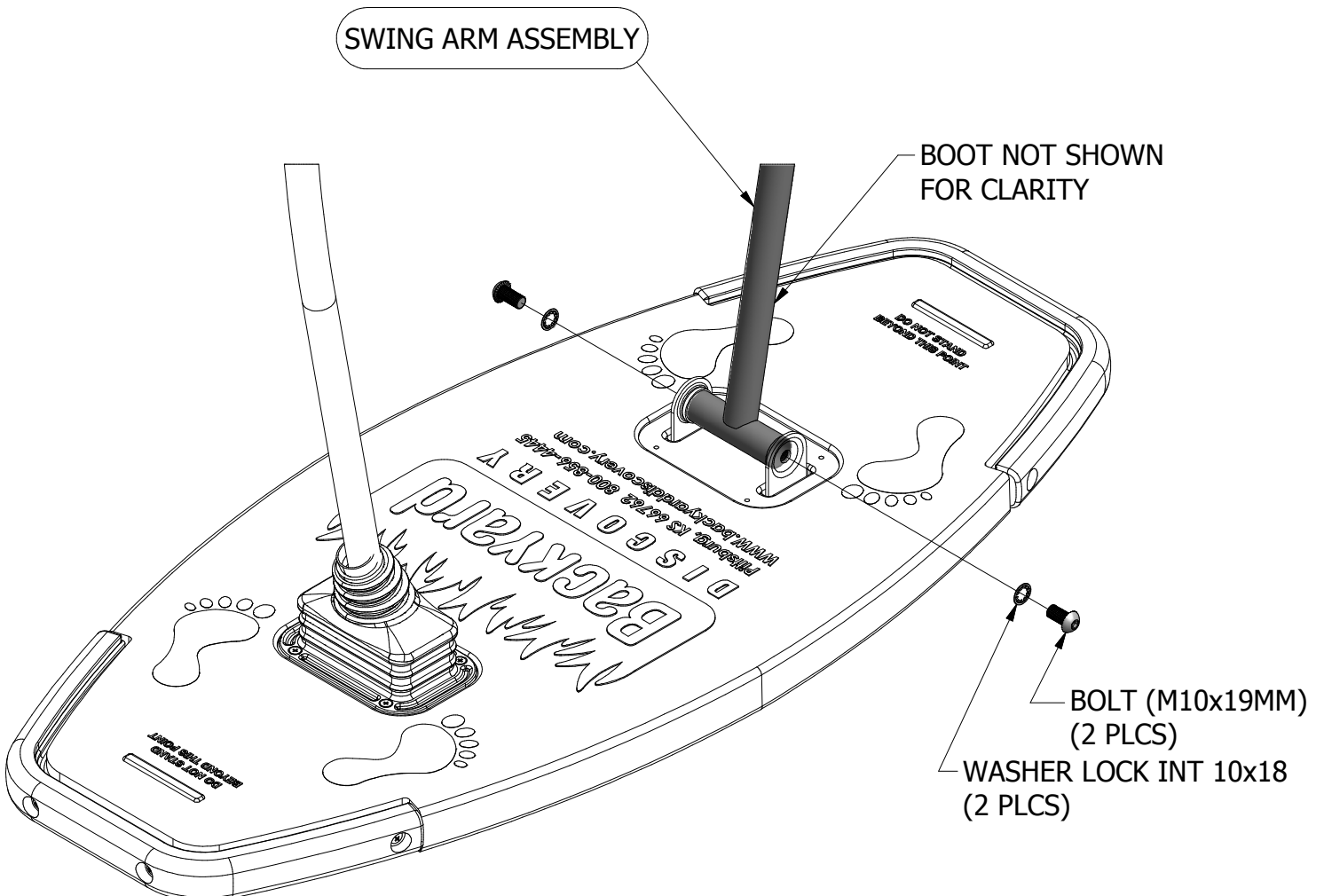
SWING ARM ASSEMBLY

(2)  BOLT
(M10x19MM)

(2)  WASHER
LOCK INT
10x18

(2)  BUSHING
22.3x25

(1)  PIVOT PIN
16x92



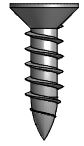
SWING ARM ASSEMBLY

BOOT NOT SHOWN
FOR CLARITY

BOLT (M10x19MM)
(2 PLCS)
WASHER LOCK INT 10x18
(2 PLCS)

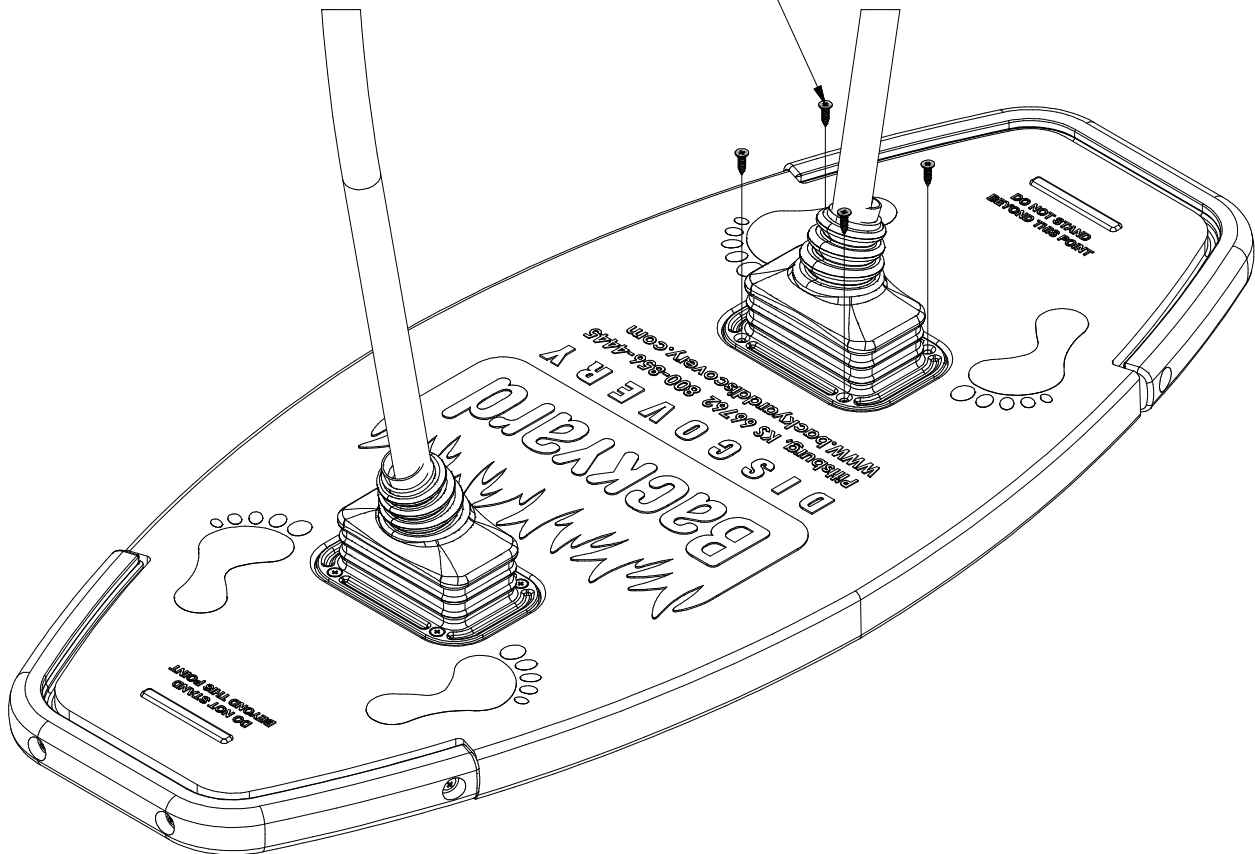
Rear Boot to Board Assembly

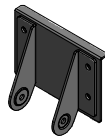
STEP 5



SCREW PFH
10x3/4
(BLACK)

SCREW PFH 10x3/4 (BLACK)
(4 PLCS)





(2) UF - UNIVERSAL 2 PERSON WAVE RIDER BEAM BRACKET - A100346

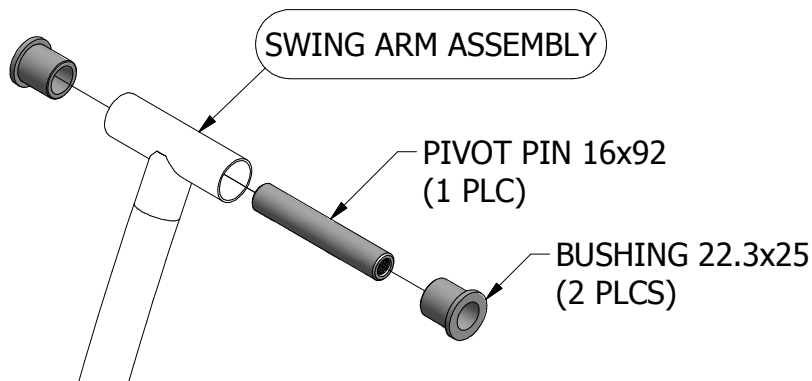
Mounting Clamps

STEP 6

NOTE:

YOU WILL ATTACH TWO MOUNTING CLAMPS IN THIS STEP

FLIP OTHER MOUNTING CLAMP AND ATTACH TO THE OTHER SWING ARM USING THE SAME HARDWARE AS SHOWN

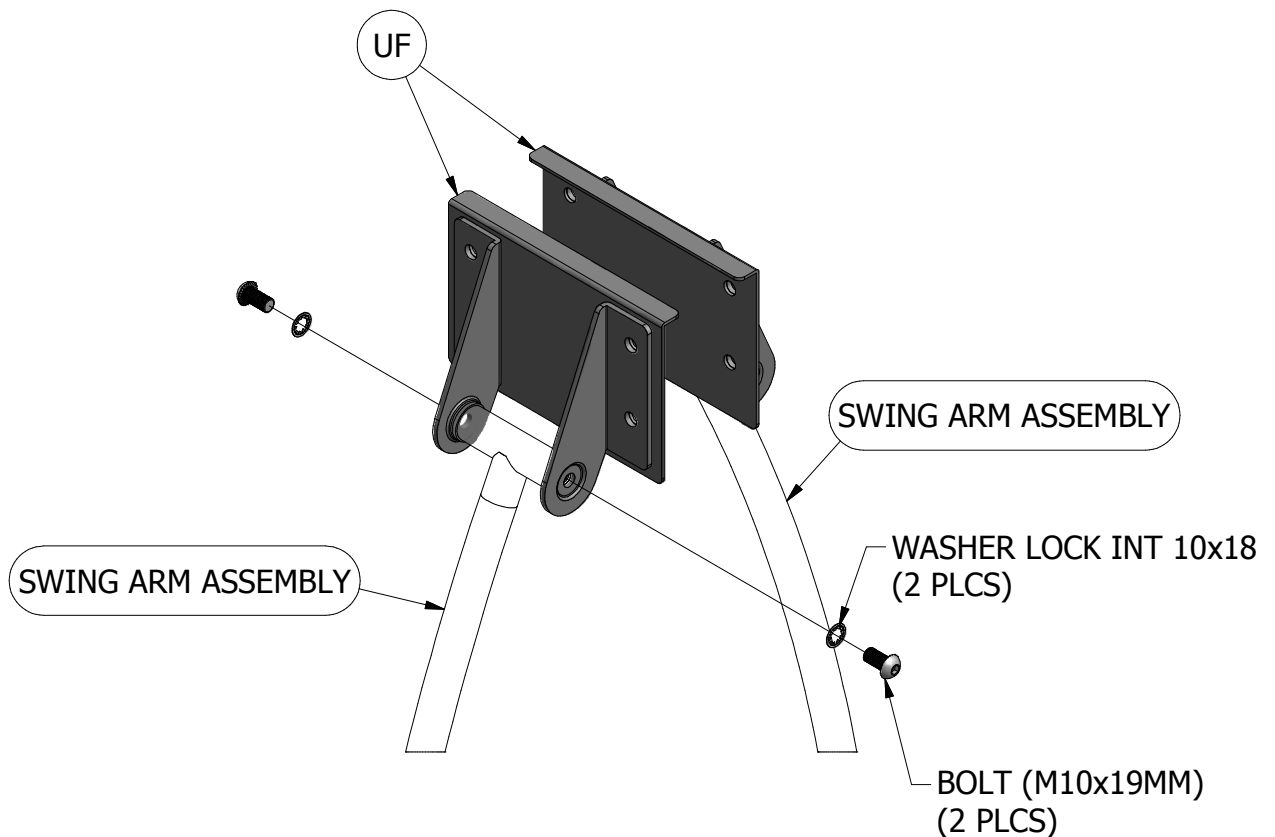


(4) **BOLT**
(M10x19MM)

(4) **WASHER**
LOCK INT
10x18

(4) **BUSHING**
22.3x25

(2) **PIVOT PIN**
16x92



Fort Assembly

Phase 1

Parts needed:

- (1) E2 - TOWER LEG - W101445
- (1) E3 - TOWER LEG - W100450
- (1) L1 - WALL RAIL - W101730
- (1) H1 - FLOOR RAIL - W101449
- (1) K1 - BASE BOARD - W101451
- (2) F1 - DECK BRACE - W101504
- (2) J1 - FLOOR SUPPORT - W101037

Hardware needed:

- (10) D - NUT BARREL WH 5/16x7/8 - H100005
- (10) AD - WASHER LOCK EXT 12x19 - H100031
- (14) AC - WASHER LOCK EXT 8x19 - H100030
- (8) H - BOLT WH 5/16x1-1/2 - H100010
- (2) L - BOLT WH 5/16x2-1/4 - H100013
- (2) K - BOLT WH 5/16x2 - H100012
- (2) Z - LAG SCREW WH 5/16x2 - H100027
- (4) CK - SCREW PFH 8x2 - H100111
- (9) BG - T-NUT 5/16 - H100074

Phase Notes

- Assemble with hardware as shown.
- For ease during assembly, assemble uprights flat on the ground.



Note: It is vital that the fort be level before and after each phase of assembly.

Step 1: Using a hammer, insert all the 'BG' T-Nuts into the respective boards, as shown.

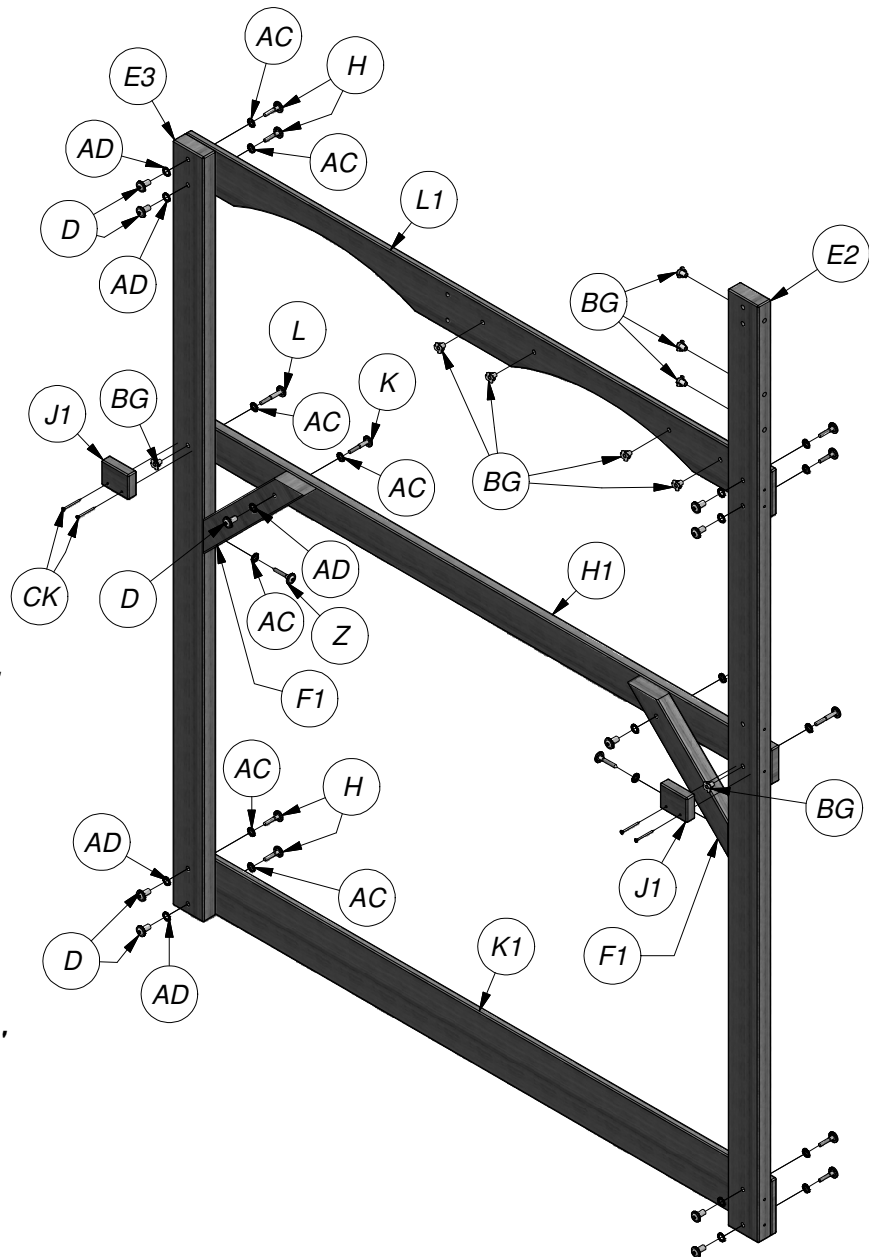
Step 2: Attach 'L1' Wall Rail & 'K1' Base Board to 'E2' & 'E3' Tower Legs using hardware 'D', 'AD', 'AC' and 'H', as shown.

Step 3: Attach 'H1' Floor Rail using Bolts 'L', Washers 'AC' and previously assembled T-Nuts 'BG', as shown.

Step 4: Attach 'J1' Floor Support to 'E2' & 'E3' Tower Legs using Screws 'CK', as shown.

Step 5: Attach 'F1' Deck Brace to 'E2' & 'E3' Tower Legs using Lag Screws 'Z' & Washers 'AC', as shown.

Step 6: Attach 'F1' Deck Brace to 'H1' Floor Rail using Bolts 'K', Washers 'AC' & 'AD', and Nut Barrel 'D', as shown.



Fort Assembly

Phase 2

Parts needed:

- (1) E2 - TOWER LEG - W101445
- (1) E3 - TOWER LEG - W100450
- (1) L2 - WALL RAIL - W101487
- (1) H2 - FLOOR RAIL - W101457
- (1) K1 - BASE BOARD - W101451
- (2) J1 - FLOOR SUPPORT - W101037

Hardware needed:

- (8) D - NUT BARREL WH 5/16x7/8 - H100005
- (8) AD - WASHER LOCK EXT 12x19 - H100031
- (10) AC - WASHER LOCK EXT 8x19 - H100030
- (8) H - BOLT WH 5/16x1-1/2 - H100010
- (2) L - BOLT WH 5/16x2-1/4 - H100013
- (4) CK - SCREW PFH 8x2 - H100111
- (5) BG - T-NUT 5/16 - H100074

Phase Notes

- Assemble with hardware as shown.
- For ease during assembly, assemble uprights flat on the ground.



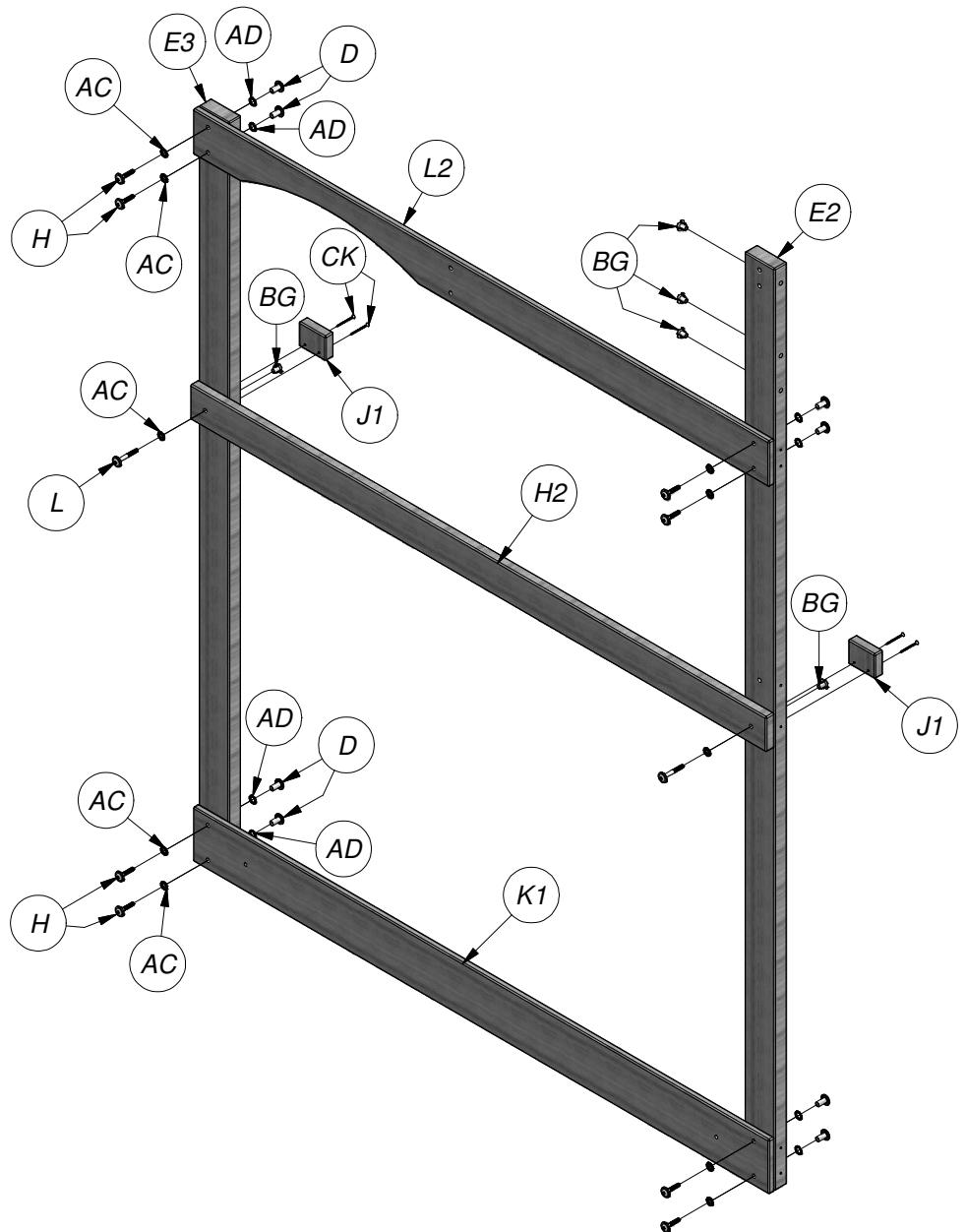
Note: It is vital that the fort be level before and after each phase of assembly.

Step 1: Using a hammer, insert all the 'BG' T-Nuts into the respective boards, as shown.

Step 2: Attach 'L2' Wall Rail & 'K1' Base Board to 'E2' & 'E3' Tower Legs using hardware 'D', 'AD', 'AC' and 'H', as shown.

Step 3: Attach 'H2' Floor Rail using Bolts 'L', Washers 'AC', and previously assembled T-Nut 'BG', as shown.

Step 4: Attach 'J1' Floor Support to 'E2' & 'E3' Tower Legs using Screws 'CK', as shown.



Fort Assembly

Phase 3

Parts needed:

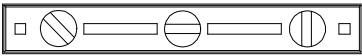
- (1) G1 - SWING BEAM MOUNT - W101495
- (2) L3 - WALL RAIL - W101489
- (1) M6 - FLOOR RAIL - W101447
- (1) M8 - WALL RAIL - W101454
- (1) K3 - ARCHED WALL BOARD - W101456
- (2) K2 - BASE BOARD - W101452
- (1) M14 - WALL RAIL - W102372

Hardware needed:

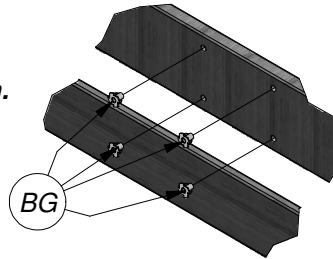
- (4) BG - T-NUT 5/16 - H100074
- (4) QD - BOLT WH 5/16x4-1/4 - H100166
- (26) Z - LAG SCREW WH 5/16x2 - H100027
- (30) AC - WASHER LOCK EXT 8X19 - H100030

Phase Notes

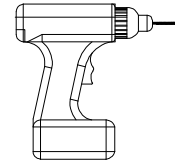
- Assemble with hardware as shown.



Note: It is vital that the fort be level before and after each phase of assembly.



T-Nuts 'BG' should be installed before attaching 'G1' Swing Beam Mount, as shown.



To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Step 9: Attach 'L3' Wall Rail to 'E3' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

Step 8: Attach 'M14' Wall Rails to 'E3' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

Step 7: Attach 'K3' Arched Wall Board to 'E3' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

Step 6: Attach 'M8' Wall Rails to 'E3' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

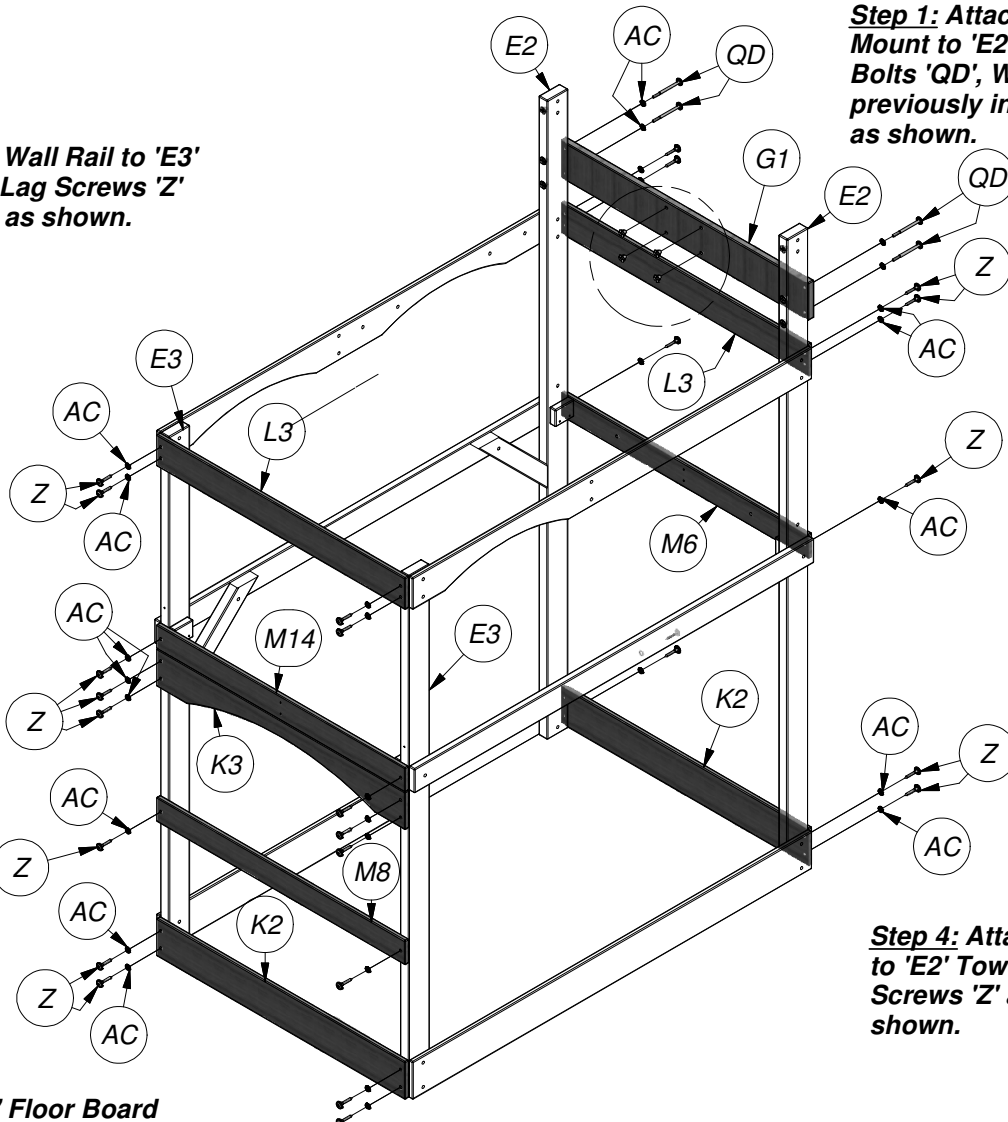
Step 5: Attach 'K2' Floor Board to 'E3' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

Step 1: Attach 'G1' Swing Beam Mount to 'E2' Tower Legs using Bolts 'QD', Washer 'AC' and previously installed T-Nuts 'BG', as shown.

Step 2: Attach 'L3' Wall Rail to 'E2' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

Step 3: Attach 'M6' Floor Rail to 'E2' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

Step 4: Attach 'K2' Floor Board to 'E2' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.



Fort Assembly

Phase 4

Parts needed:

- (2) F1 - DECK BRACE - W101504

Phase Notes

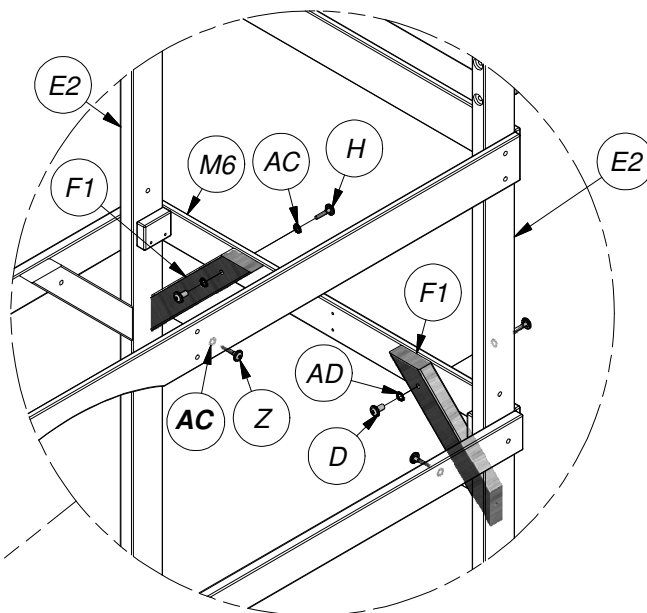
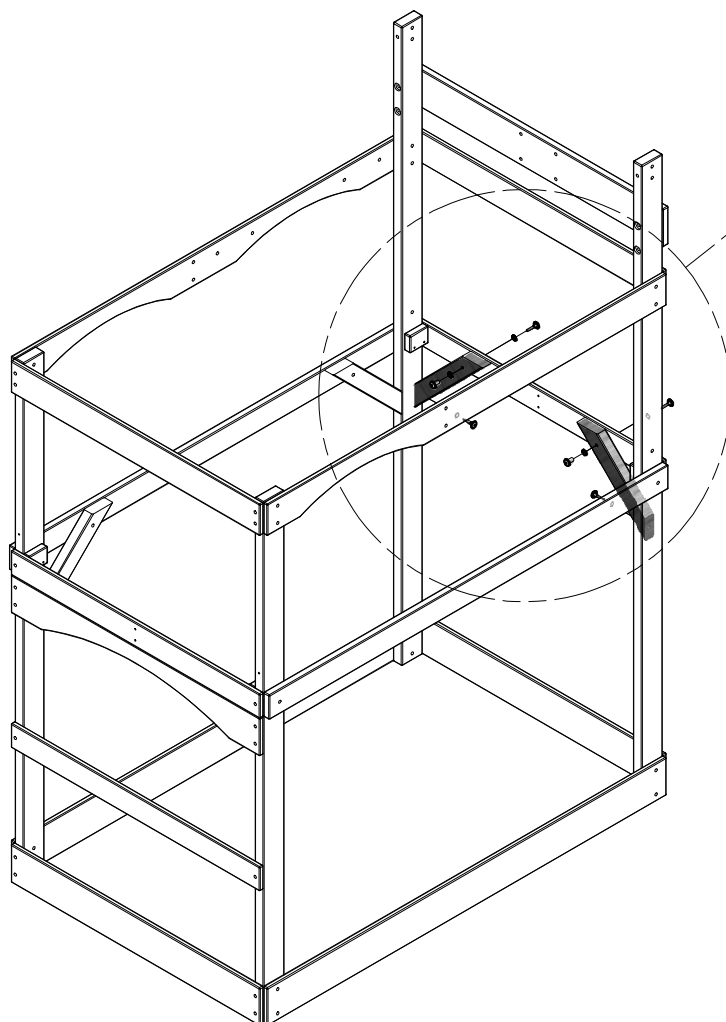
- Assemble with hardware as shown.

Hardware needed:

- (2) H - BOLT WH 5/16x1-1/2 - H100010
- (4) AC - WASHER LOCK EXT 8x19 - H100030
- (2) AD - WASHER LOCK EXT 12x19 - H100031
- (2) D - NUT BARREL WH 5/16x7/8 - H100005
- (2) Z - LAG SCREW WH 5/16x2 - H100027



Note: It is vital that the fort be level before and after each phase of assembly.



Step 1: Attach 'F1' Deck Braces to 'M6' Floor Rail using Bolt 'H', Washers 'AC' & 'AD' and Nut Barrel 'D', as shown.

Step 2: Attach 'F1' Deck Braces to 'E2' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.

Fort Assembly

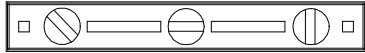
Phase 5

Parts needed:

- (1) H5 - FLOOR JOIST - W102374
- (2) L5 - OUTER FLOOR BOARD - W101486
- (17) M3 - FLOOR BOARD - W102375

Phase Notes

- Assemble with hardware as shown.

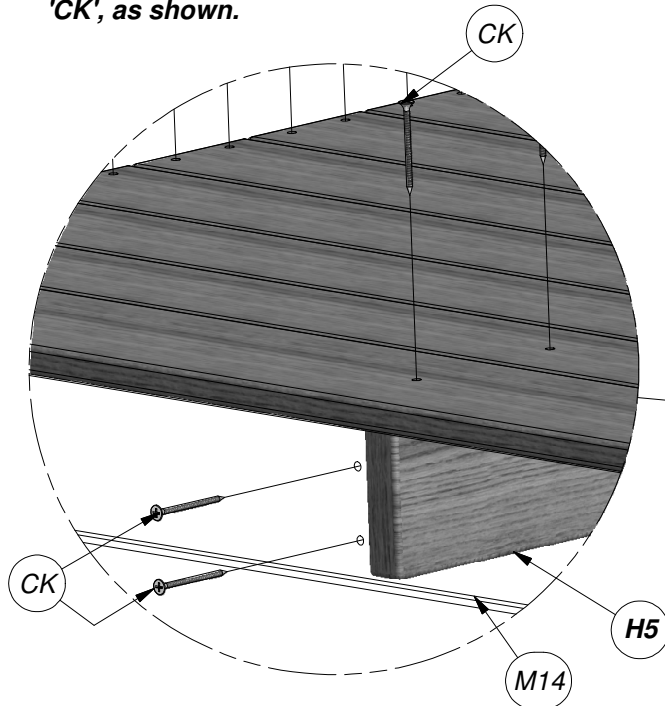


Note: It is vital that the fort be level before and after each phase of assembly.

Note: Do not overtighten screws, overtightening may cause the screw to stick through the boards and may cause sharp points. The head of the screw should NOT sink into the wood for this phase, it should be flush.

Step 1: Attach 'L5' Outer Floor Board to 'J1' Floor Supports using Screws 'CK', as shown.

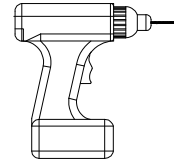
Step 2: Attach 'M3' Floor Board to 'H1' & 'H2' Floor Rails using Screws 'CK', as shown.



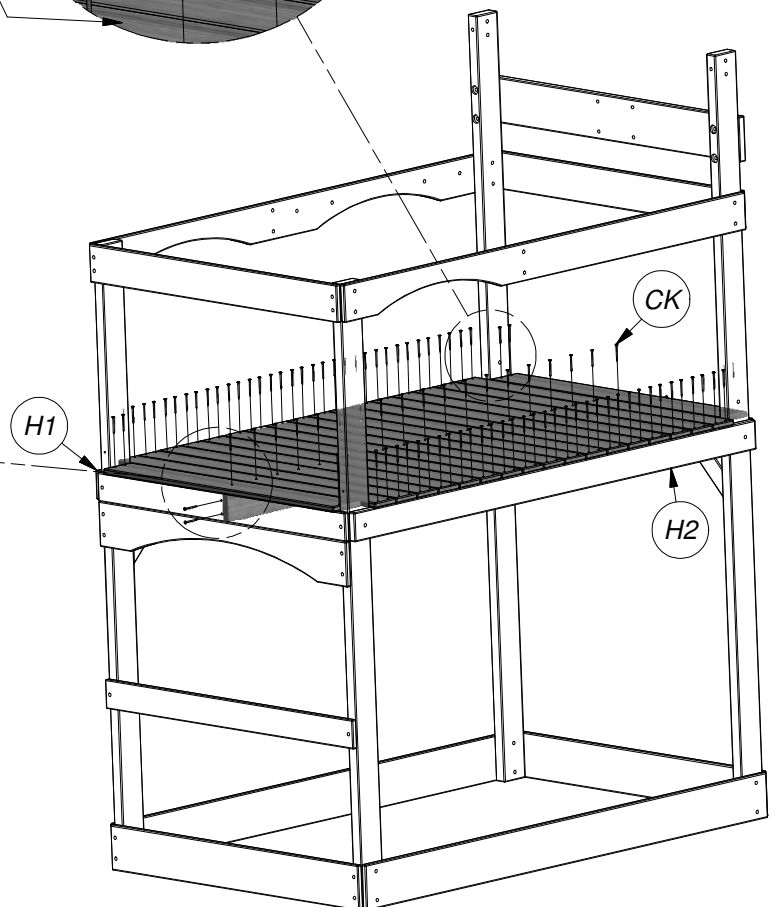
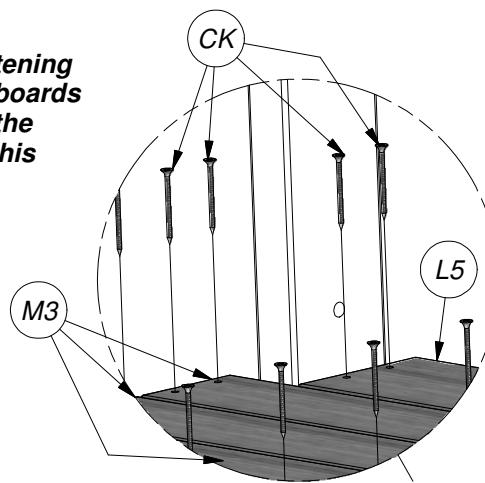
Step 3: Attach 'H5' Floor Joist to the center of 'M14' wall rails using Screws 'CK'. Next, secure floor boards to 'H5' Floor Joist using 'CK', as shown.

Hardware needed:

- (99) CK - SCREW PFH 8x2 - H100111



To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



Fort Assembly

Phase 6

Parts needed:

- (2) E5 - CLUB HOUSE LEG - W101490

Phase Notes

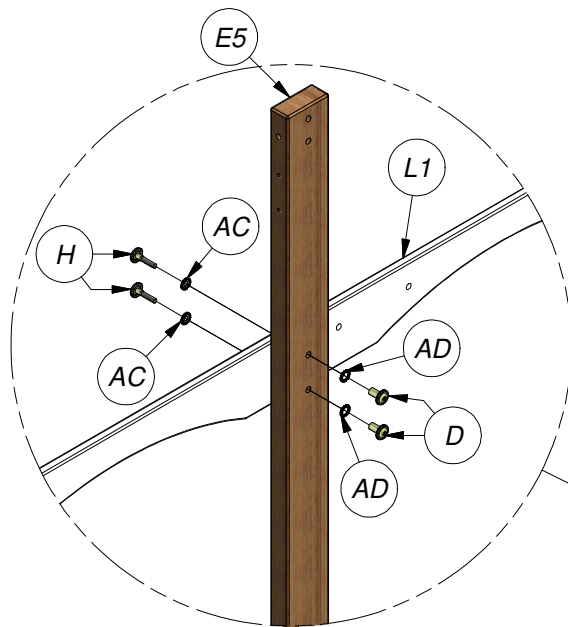
- Assemble with hardware as shown.

Hardware needed:

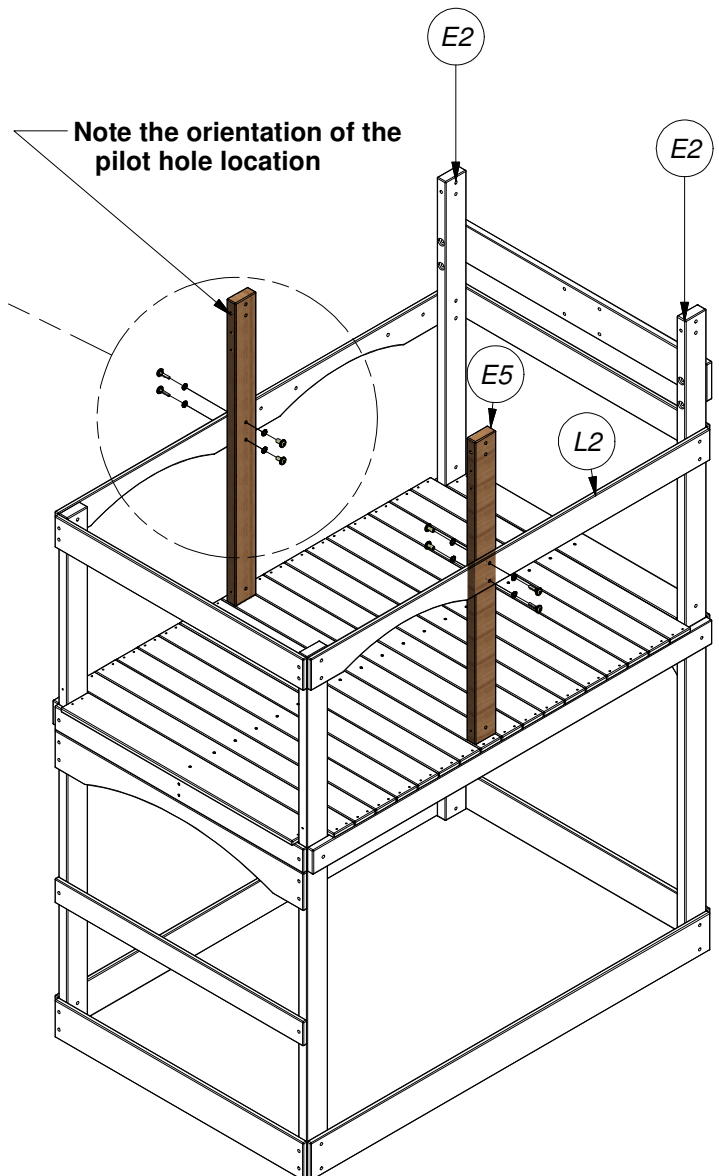
- (4) AC - WASHER LOCK EXT 8x19 - H100030
- (4) AD - WASHER LOCK EXT 12x19 - H100031
- (4) H - BOLT WH 5/16x1-1/2 - H100010
- (4) D - NUT BARREL WH 5/16x7/8 - H100005



Note: It is vital that the fort be level before and after each phase of assembly.



Step 1: Attach Club House Leg 'E5' to the inside of Wall Rail 'L1' and 'L2' with hardware 'D', 'AD', 'AC', & 'H', as shown.



Fort Assembly

Phase 7

Parts needed:

- (2) M12 - WALL RAIL - W101731
- (2) M9 - WALL RAIL - W101496
- (2) M13 - WALL RAIL - W101500
- (1) L4 - CLUB HOUSE WALL RAIL - W101491
- (2) M8 - WALL RAIL - W101454
- (1) M10 - WALL RAIL - W101494

Phase Notes

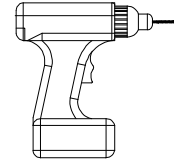
- Assemble with hardware as shown.



Note: It is vital that the fort be level before and after each phase of assembly.

Hardware needed:

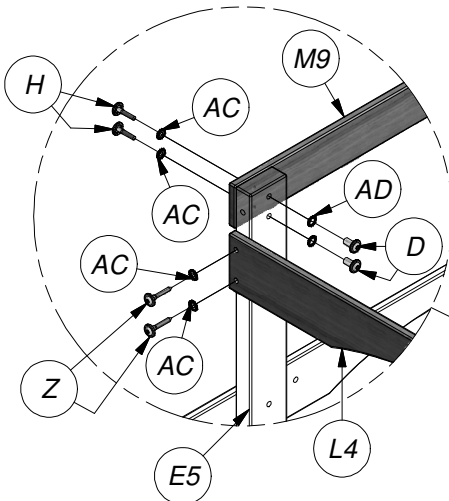
- (12) H - BOLT WH 5/16x1-1/2 - H100010
- (22) AC - WASHER LOCK EXT 8x19 - H100030
- (12) AD - WASHER LOCK EXT 12x19 - H100031
- (12) D - NUT BARREL WH 5/16x7/8 - H100005
- (10) Z - LAG SCREW WH 5/16x2 - H100027



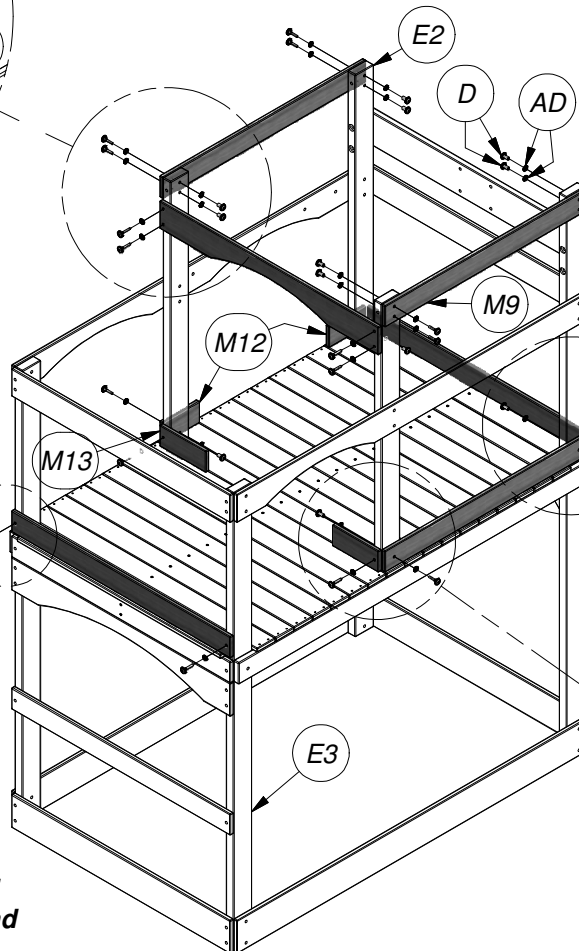
To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Step 7: Attach 'L4' Club House Wall Rail to 'E5' Club House Legs using Lag Screws 'Z' and Washers 'AC', as shown.

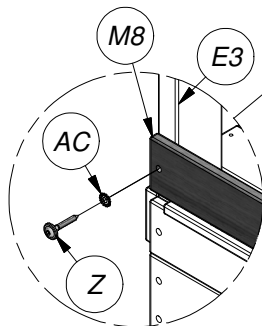
Step 1: Attach 'M9' Wall Rails to 'E5' Club House Legs and 'E2' Tower Legs using Bolts 'H', Washers 'AC' & 'AD' and Nut Barrel 'D', as shown.



Step 6: Attach 'M12' Wall Rail to 'E2' Tower Leg & 'E5' Club House Leg using Bolts 'H', Washers 'AC' & 'AD' and Nut Barrel 'D', as shown.

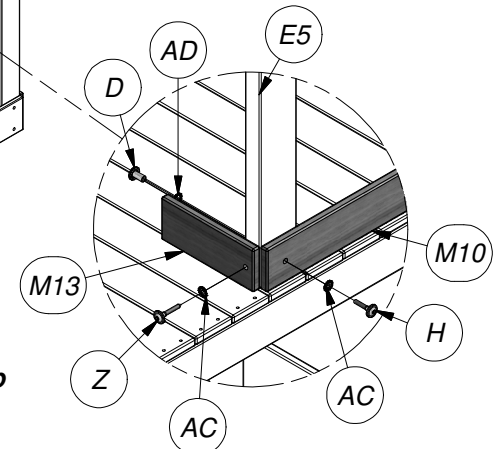


Step 2: Attach 'M8' Wall Rail to ends of 'E2' Tower Legs using Lag Screws 'Z' and Washers 'AC', as shown.



Step 5: Attach 'M8' Wall Rail to 'E3' Tower Legs using Lag Screw 'Z' and Washer 'AC', as shown.

Step 4: Attach 'M13' Wall Rails to 'E5' Club House Legs using Lag Screws 'Z' and Washers 'AC', as shown.



Step 3: Attach 'M10' Wall Rail to 'E2' Tower Leg & 'E5' Club House Leg using Bolts 'H', Washers 'AC' & 'AD' and Nut Barrel 'D', as shown.

Fort Assembly

Phase 8

Parts needed:

- (6) N4 - PICKET - W101492

Phase Notes

- Assemble with hardware as shown.

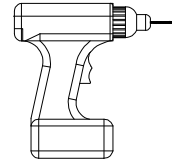


Note: It is vital that the fort be level before and after each phase of assembly.

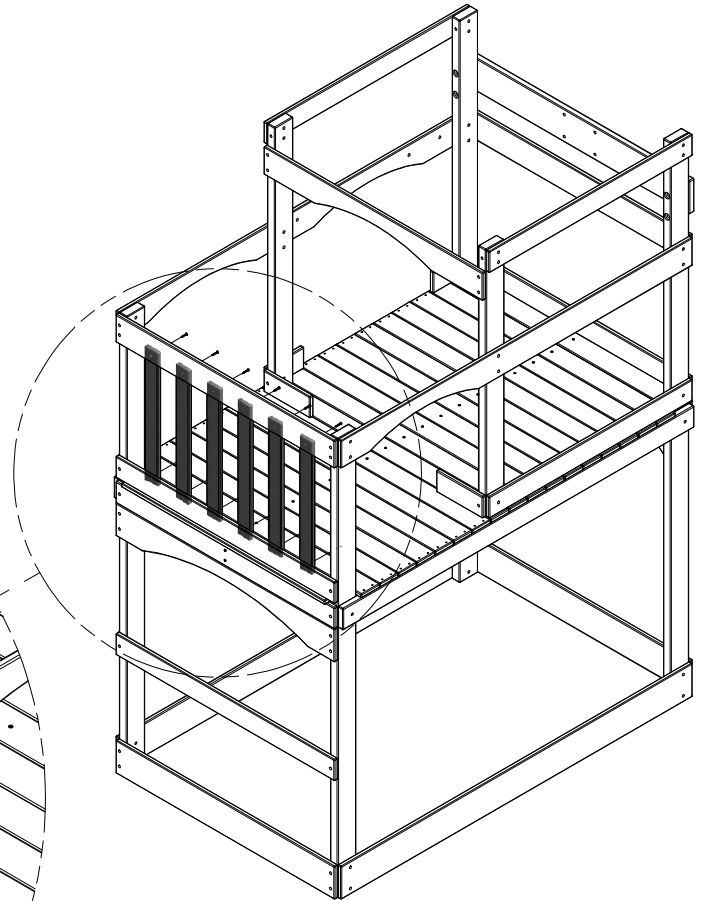
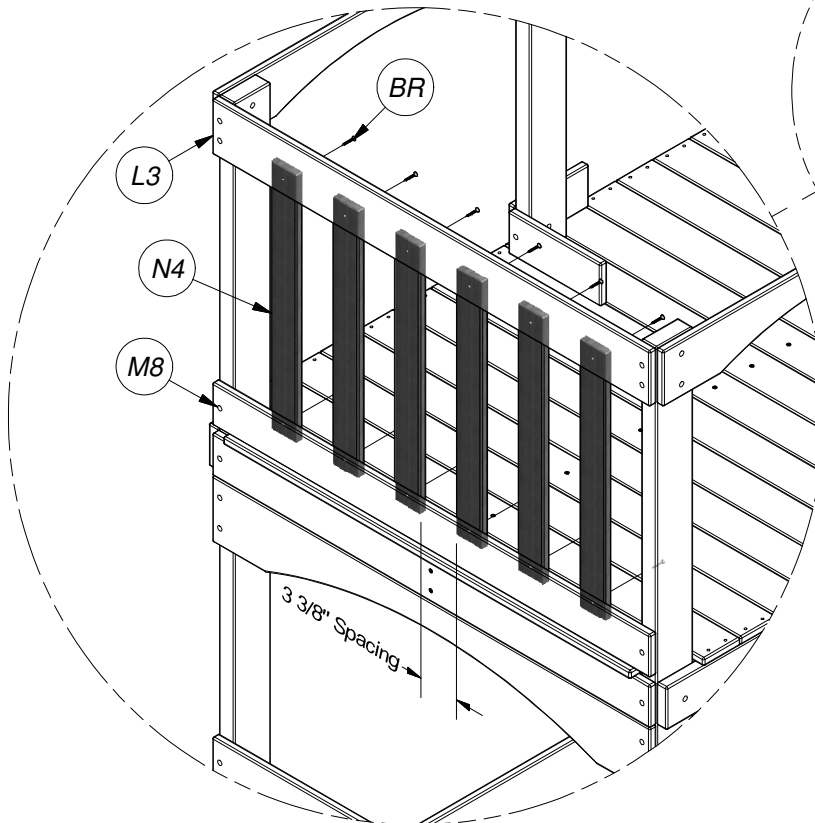
Note: Due to the changing size of the wood as a result of moisture content, you may need to adjust the spacing of your wall slats 1/16" to 1/8" when assembling walls. It would be best to line up the boards on the wall before attaching to estimate if a larger or smaller gap is needed.

Hardware needed:

- (12) BR - SCREW PFH 8x1-1/8 - A100088



To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



Step 1: Attach 'N4' Wall Boards to 'L3' Wall Rail and 'M8' Wall Rail using Screws 'BR', as shown.

Note: Do not overtighten screws, overtightening may cause the screw to stick through the boards and may cause sharp points. The head of the screw should NOT sink into the wood for this phase, it should be flush.

Fort Assembly

Phase 9

Parts needed:

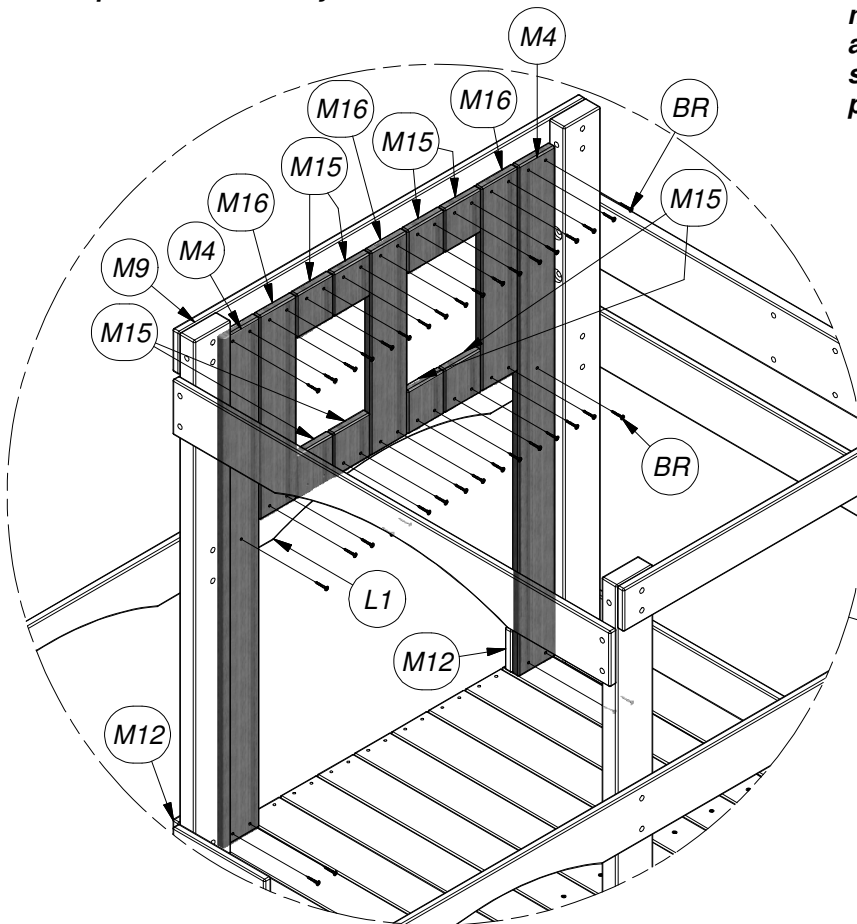
- (2) M4 - WALL BOARD - W101510
- (3) M16 - WALL BOARD - W101732
- (8) M15 - WALL BOARD - W101506

Phase Notes

- Assemble with hardware as shown.



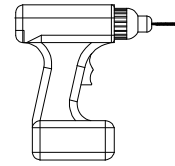
Note: It is vital that the fort be level before and after each phase of assembly.



Step 1: Attach 'M4', 'M15' & 'M16' Wall Boards to 'M9' Wall Rail, 'L1' Wall Rail and 'M12' Wall Rails using Screws 'BR', as shown.

Hardware needed:

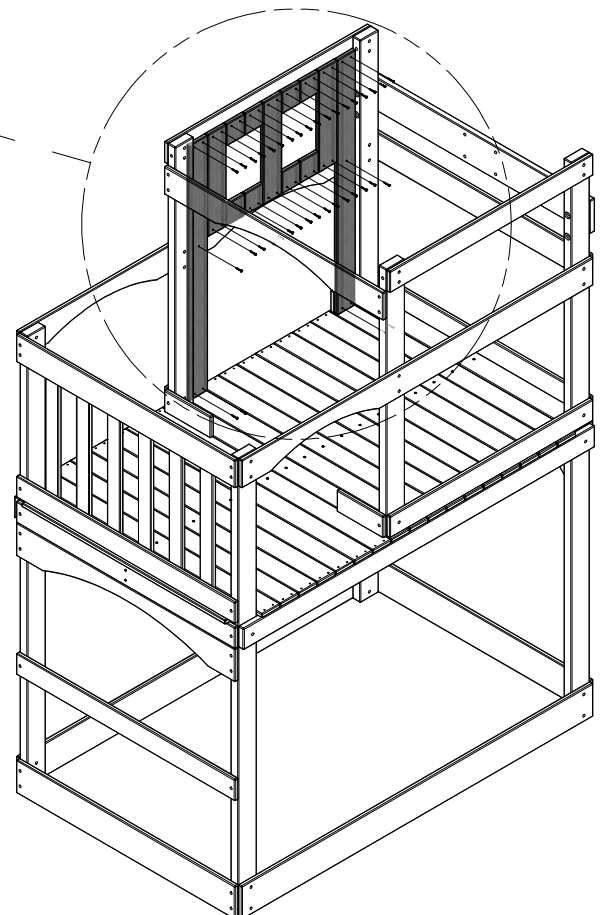
- (38) BR - SCREW PFH 8x1-1/8 - H100088



To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Note: Do not overtighten screws, overtightening may cause the screw to stick through the boards and may cause sharp points. The head of the screw should NOT sink into the wood for this phase, it should be flush.

Note: Due to the changing size of the wood as a result of moisture content, you may need to adjust the spacing of your wall slats 1/16" to 1/8" when assembling walls. It would be best to line up the boards on the wall before attaching to estimate if a larger or smaller gap is needed.



Fort Assembly

Phase 10

Parts needed:

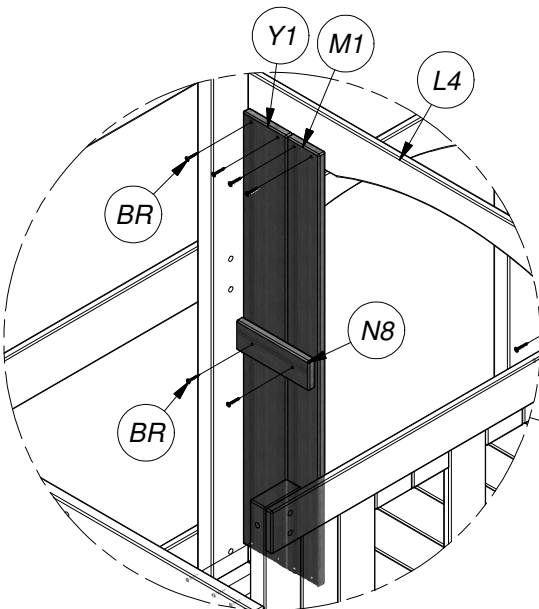
- (2) Y1 - WALL BOARD - W101499
- (2) M1 - WALL BOARD - W101501
- (2) N8 - WALL BOARD SUPPORT - W100595

Phase Notes

- Assemble with hardware as shown.



Note: It is vital that the fort be level before and after each phase of assembly.



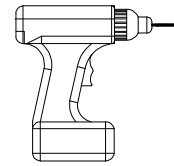
Step 1: Attach 'Y1' Wall Boards and 'M1' Wall Boards to 'L4' Club House Wall Rail and 'M13' Wall Rail using Screws 'BR', as shown.

Step 2: Attach 'N8' Wall Board Supports to 'Y1' Wall Board and 'M1' Wall Board using Screws 'BR', as shown.

Note: Due to the changing size of the wood as a result of moisture content, you may need to adjust the spacing of your wall slats 1/16" to 1/8" when assembling walls. It would be best to line up the boards on the wall before attaching to estimate if a larger or smaller gap is needed.

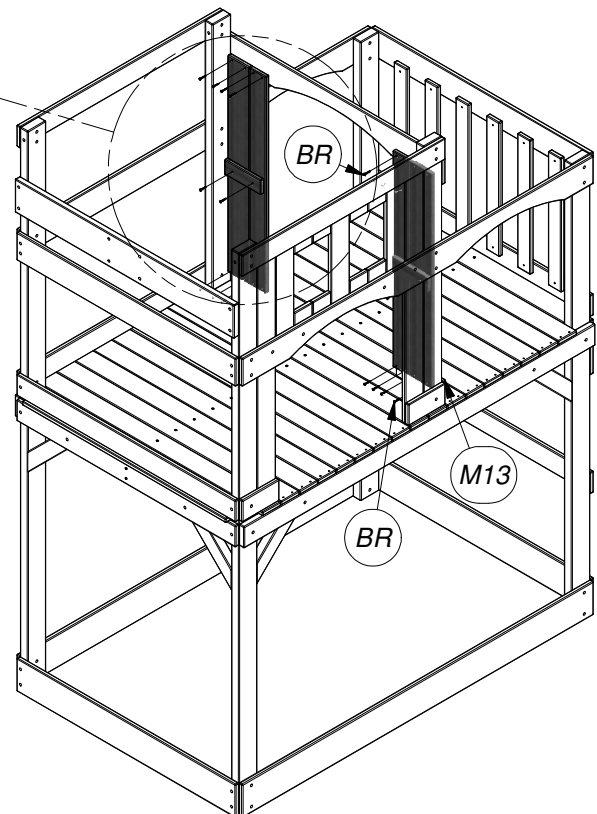
Hardware needed:

- (20) BR - SCREW PFH 8x1-1/8 - H100088



To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Note: Do not overtighten screws, overtightening may cause the screw to stick through the boards and may cause sharp points. The head of the screw should NOT sink into the wood for this phase, it should be flush.



Fort Assembly

Phase 11

Parts needed:

- (11) M5 - WALL BOARD - W101497

Phase Notes

- Assemble with hardware as shown.

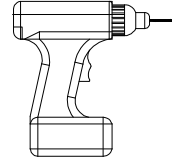


Note: It is vital that the fort be level before and after each phase of assembly.

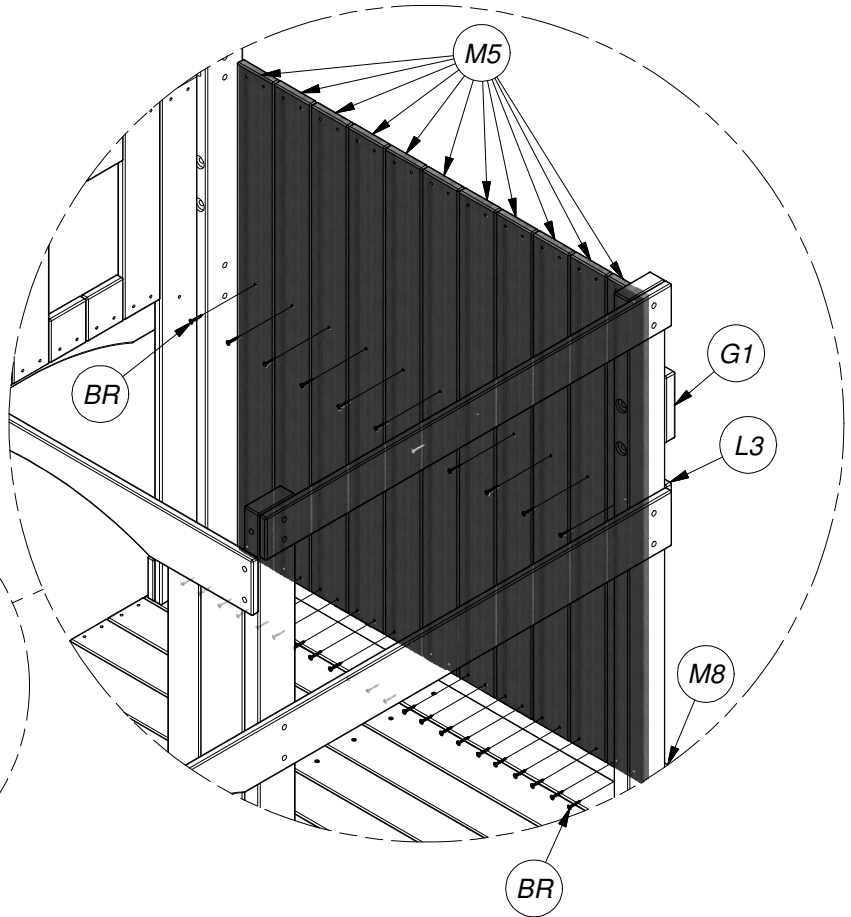
Note: Due to the changing size of the wood as a result of moisture content, you may need to adjust the spacing of your wall slats 1/16" to 1/8" when assembling walls. It would be best to line up the boards on the wall before attaching to estimate if a larger or smaller gap is needed.

Hardware needed:

- (33) BR - SCREW PFH 8x1-1/8 - H100088

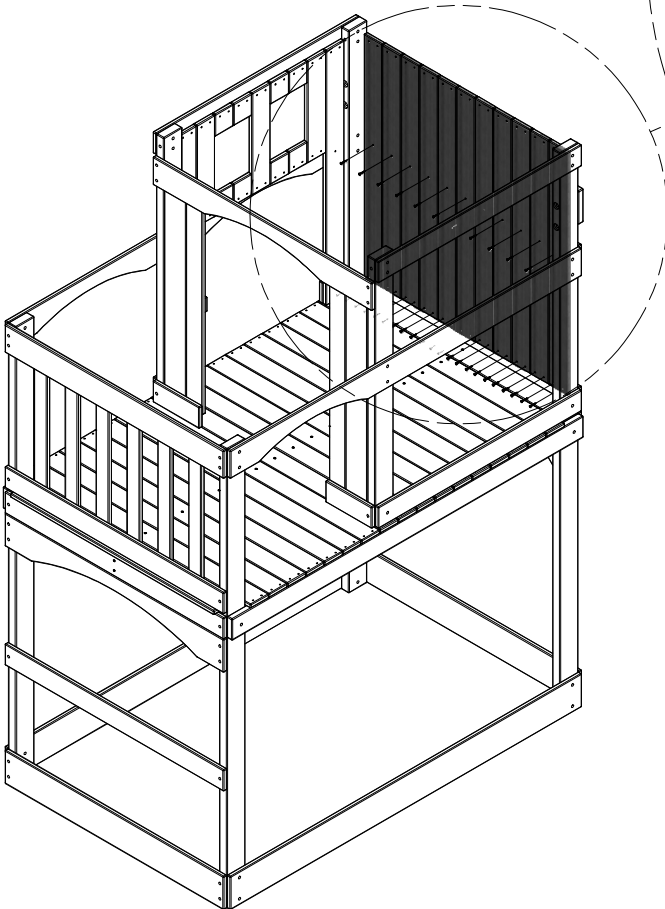


To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



Step 1: Attach 'M5' Wall Boards to 'L3' Wall Rail & 'M8' Wall Rail using Screws 'BR', as shown. Bottom of 'M5' wall boards should be located approximately 1-3/4" up from floor boards.

Note: Do not overtighten screws, overtightening may cause the screw to stick through the boards and may cause sharp points. The head of the screw should NOT sink into the wood for this phase, it should be flush.



Fort Assembly

Phase 12

Parts needed:

- (9) M17 - WALL BOARD - W101493

Phase Notes

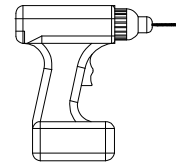
- Assemble with hardware as shown.



Note: It is vital that the fort be level before and after each phase of assembly.

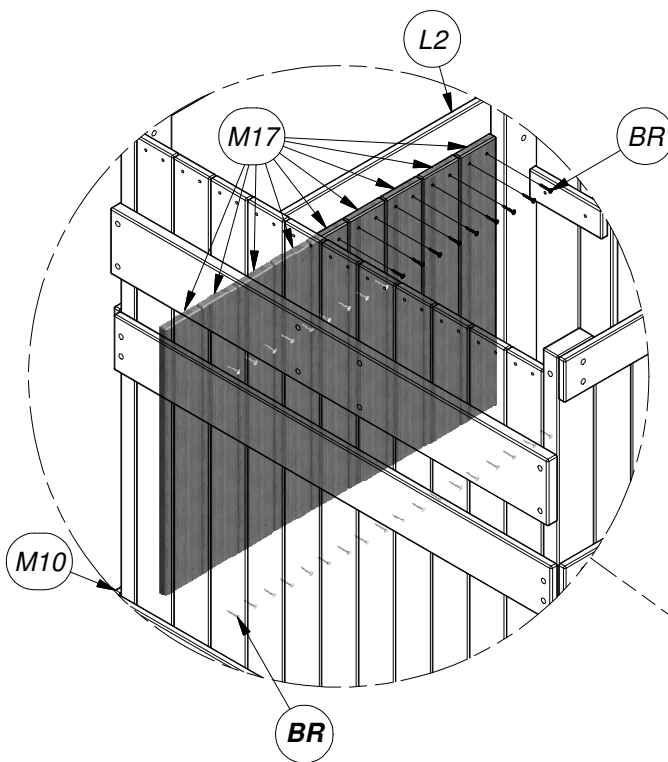
Hardware needed:

- (36) BR - SCREW PFH 8x1-1/8 - H100088



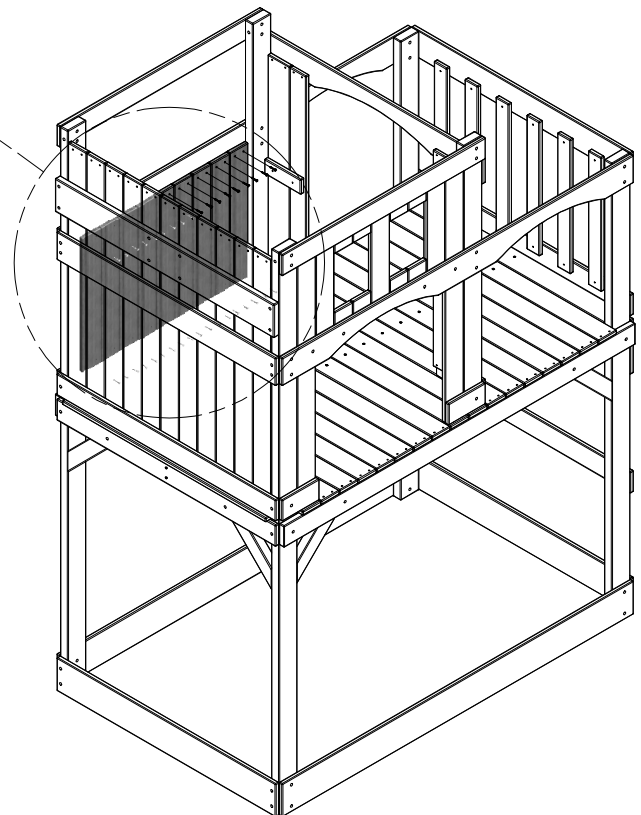
To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

Note: Due to the changing size of the wood as a result of moisture content, you may need to adjust the spacing of your wall slats 1/16" to 1/8" when assembling walls. It would be best to line up the boards on the wall before attaching to estimate if a larger or smaller gap is needed.



Step 1: Attach 'M17' Wall Boards to 'L2' Wall Rail and 'M10' Wall Rail using screws 'BR', as shown.

Note: Do not overtighten screws, overtightening may cause the screw to stick through the boards and may cause sharp points. The head of the screw should NOT sink into the wood for this phase, it should be flush.



Fort Assembly

Phase 13

Parts needed:

- (2) M7 - WALL BOARD - W100579
- (9) M11 - WALL BOARD - W100583
- (1) SR - 'B' REVISION TAG - A100315

Phase Notes

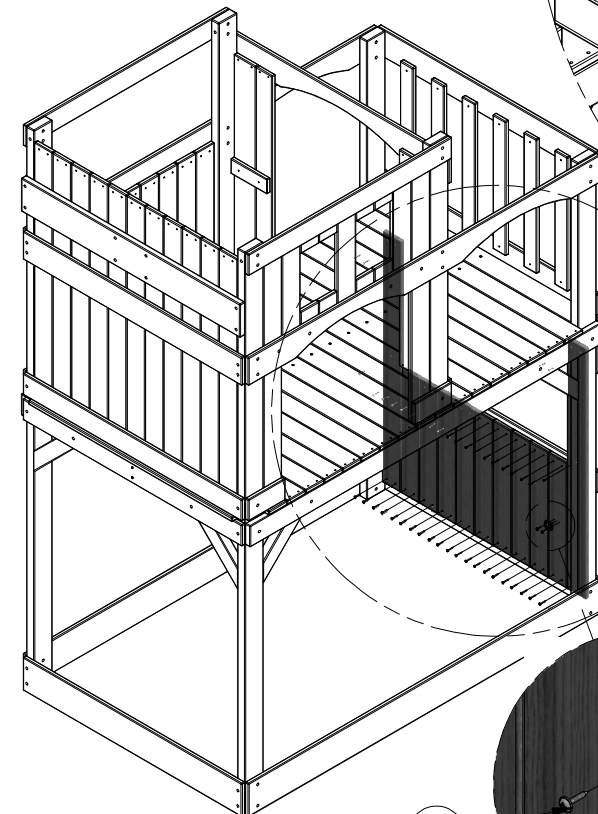
- Assemble with hardware as shown.



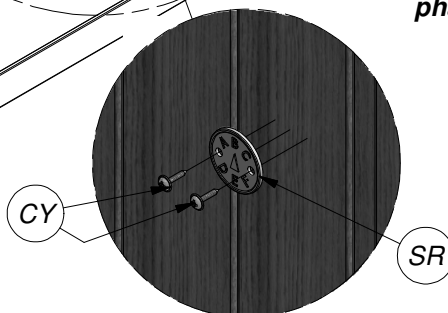
Note: It is vital that the fort be level before and after each phase of assembly.

Note: Due to the changing size of the wood as a result of moisture content, you may need to adjust the spacing of your wall slats 1/16" to 1/8" when assembling walls. It would be best to line up the boards on the wall before attaching to estimate if a larger or smaller gap is needed.

Step 1: Attach 'M7' Wall Boards to 'K3' Arched Wall Board, 'M8' Wall Rail and 'K2' Base Board using screws 'BR', as shown.

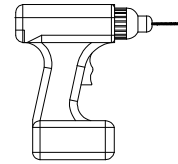


Step 3: Attach 'SR' Revision Tag to 'M11' Wall Board using screws 'CY', as shown.

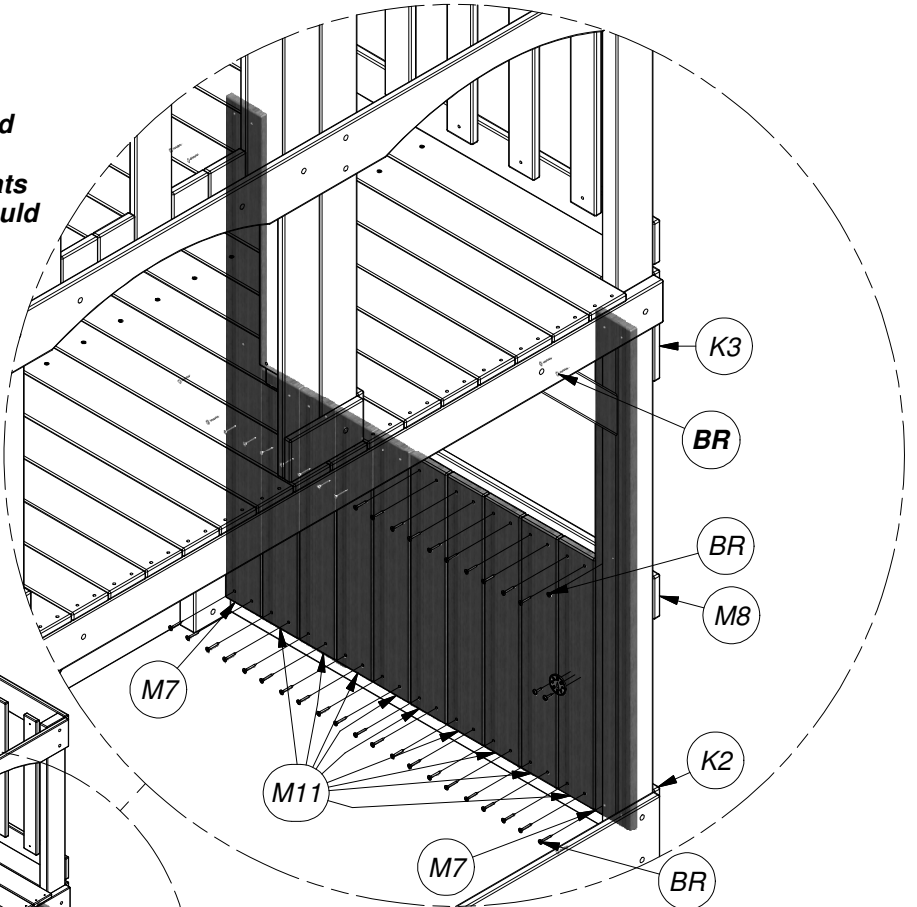


Hardware needed:

- (46) BR - SCREW PFH 8x1-1/8 - H100088
- (2) CY - SCREW PWH 8x5/8 - H100128

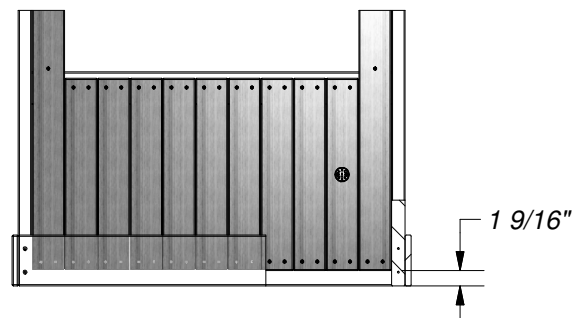


To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



Step 2: Attach 'M11' Wall Boards to 'M8' Wall Rail and 'K2' Base Board using screws 'BR', as shown.

Note: Do not overtighten screws, overtightening may cause the screw to stick through the boards and may cause sharp points. The head of the screw should NOT sink into the wood for this phase, it should be flush.



Fort Assembly

Phase 14

Parts needed:

- (2) L6 - BAY WINDOW - W100571
- (6) N5 - BAY WINDOW- W100592
- (6) N9 - BAY WINDOW - W100596
- (3) GK - WINDOW FRAME GREEN 216x267 - A100146

Phase Notes

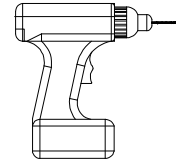
- Assemble with hardware as shown.



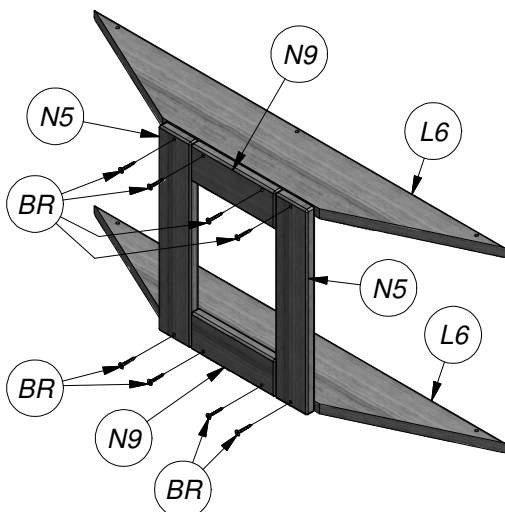
Note: It is vital that the fort be level before and after each phase of assembly.

Hardware needed:

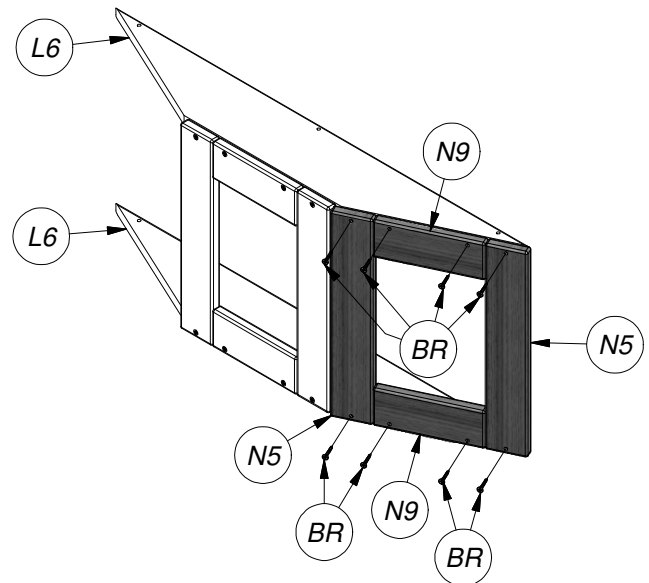
- (24) BR - SCREW PFH 8x1-1/8 - H100088
- (12) BC - SCREW PWH 8x3/4 - H100070



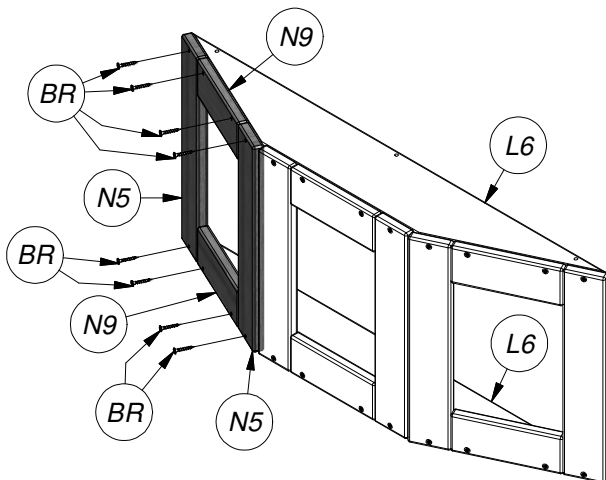
To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



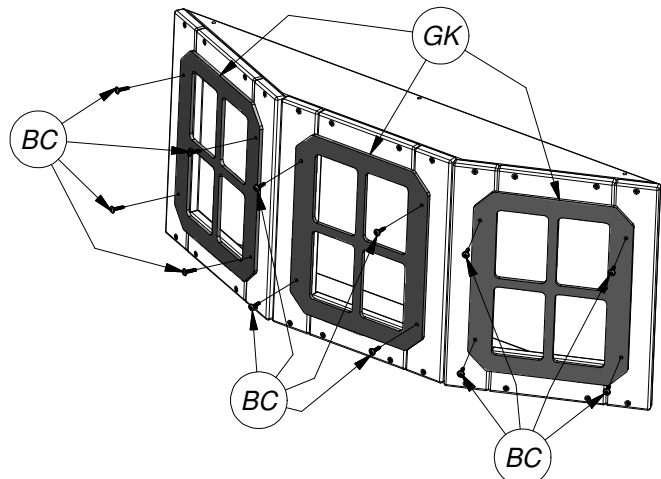
Step 1: Center and attach 'N9' Bay Window Rails to the edge of 'L6' Bay Window Rails using Screws 'BR'. Pre-drill & attach 'N5' Bay Window Rails to the edge of 'L6' Bay Window Rails using Screws 'BR', as shown.



Step 2: Repeat Step 1 and attach second Bay Window Frame using the proper screws, as shown.



Step 3: Repeat Steps 1 & 2 to finish attaching Bay Window Frames using the proper screws, as shown.



Step 4: Center and attach 'GK' Window Frame Green to the outside of the Bay Window Assembly with Screws 'BC', as shown.

Fort Assembly

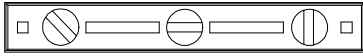
Phase 15

Parts needed:

- (1) BAY WINDOW ASSEMBLY

Phase Notes

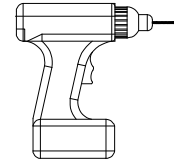
- Assemble with hardware as shown.



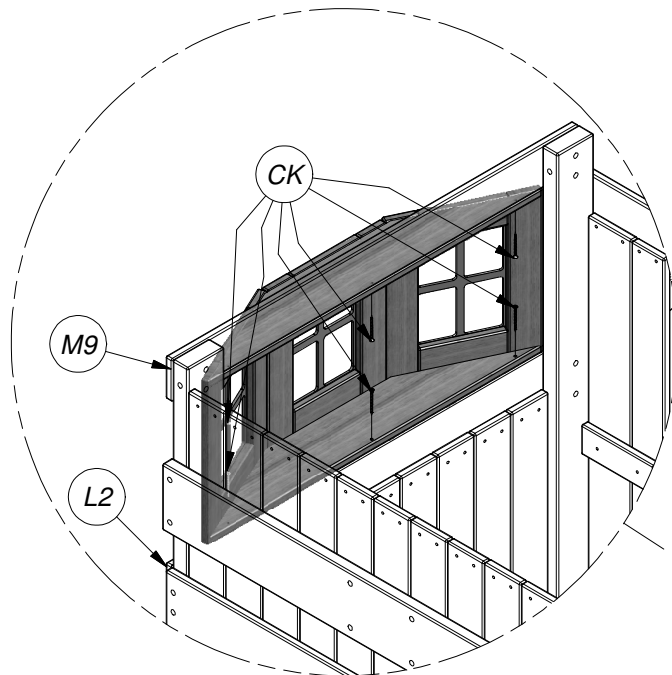
Note: It is vital that the fort be level before and after each phase of assembly.

Hardware needed:

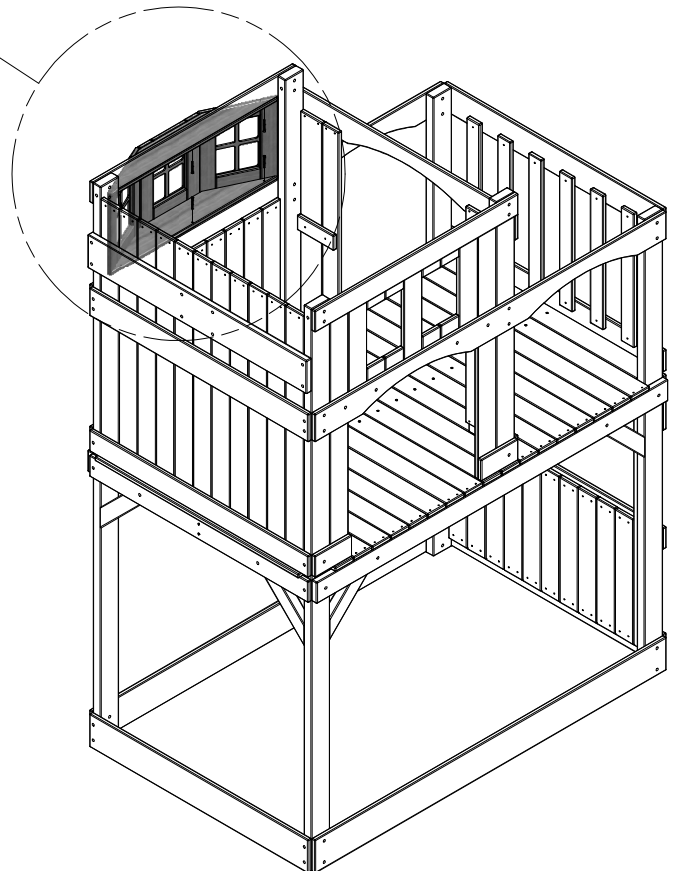
- (6) CK - SCREW PFH 8x2 - H100111



To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



Step 1: Center in window opening and attach the Bay Window Assembly to the lower edge of 'M9' wall rail and the top edge 'L2' right wall rail using Screws 'CK', as shown.



Fort Assembly

Phase 16

Parts needed:

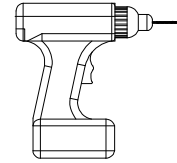
- (1) L9 - DOOR BOARD - W101233
- (2) M19 - DOOR BOARD - W101230
- (2) M21 - DOOR BOARD - W101232
- (2) M22 - DOOR BOARD - W101231
- (1) L10 - DOOR BOARD - W101229
- (3) O1 - DOOR SUPPORT - W101234
- (1) GK - WINDOW FRAME GREEN 216x267 - A100146
- (1) HZ - KNOB - A100071
- (2) FR - LEAF HINGE - A100093

Phase Notes

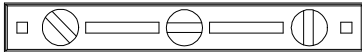
- Assemble with hardware as shown.

Hardware needed:

- (37) BR - SCREW PFH 8x1-1/8 - H100088
- (4) BC - SCREW PWH 8x3/4 - H100070
- (4) CX - SCREW #4x5/8 - H100127

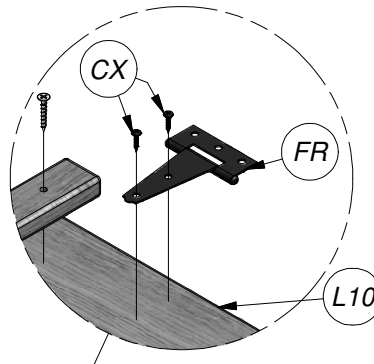


To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.

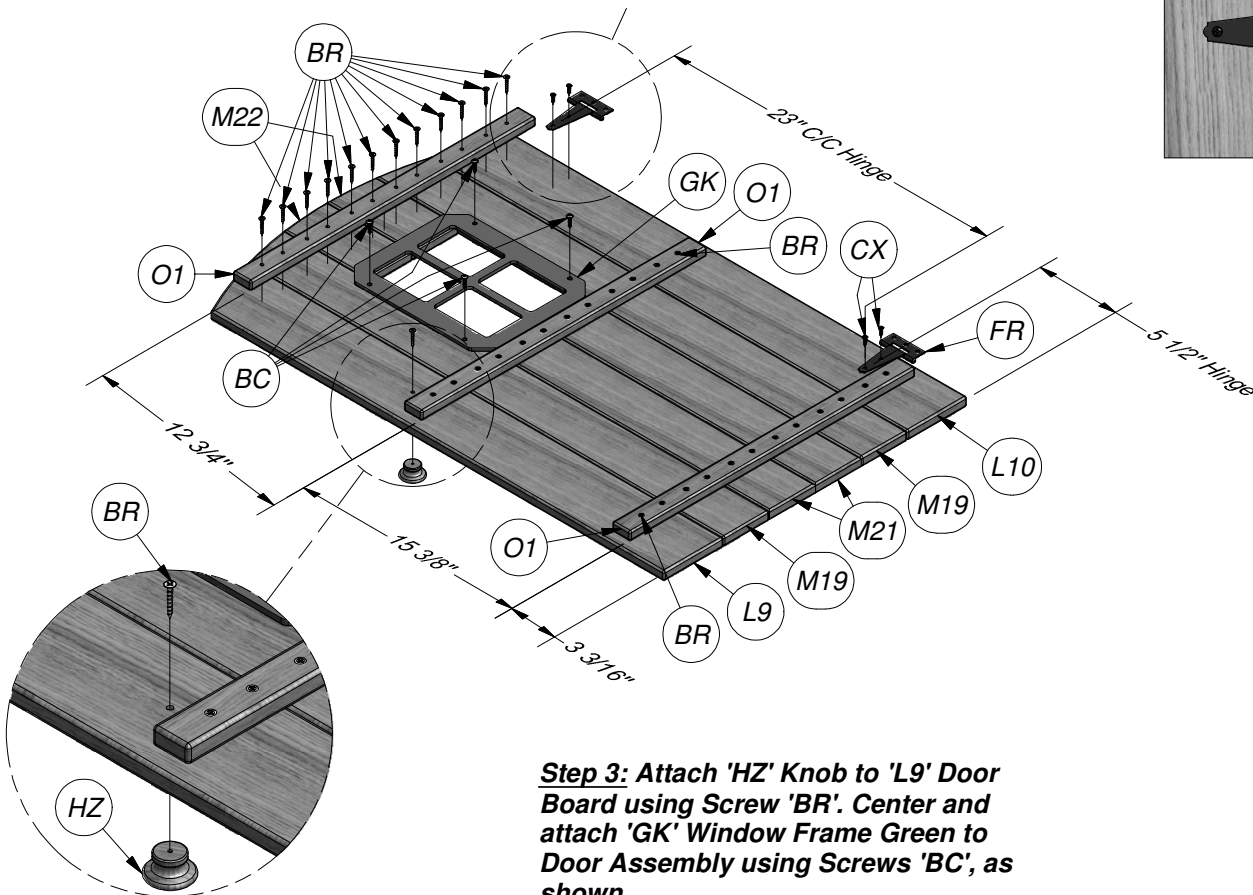
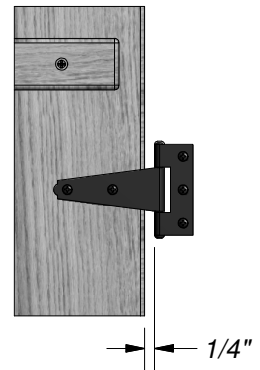


Note: It is vital that the fort be level before and after each phase of assembly.

Step 1: Arrange door assembly boards, as shown. Pre-drill and attach 'O1' Door Supports to 'L9', 'M19', 'M21' & 'L10' Door Boards using Screws 'BR', as shown.



Step 2: Attach 'FR' Leaf Hinge Assembly to 'L10' Door Board using Screws 'CX', as shown.



Step 3: Attach 'HZ' Knob to 'L9' Door Board using Screw 'BR'. Center and attach 'GK' Window Frame Green to Door Assembly using Screws 'BC', as shown.

Fort Assembly

Phase 17

Parts needed:

- (1) DOOR ASSEMBLY
- (1) N11 - DOOR STOP - W101236

Phase Notes

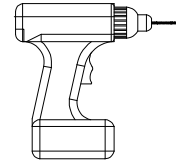
- Assemble with hardware as shown.



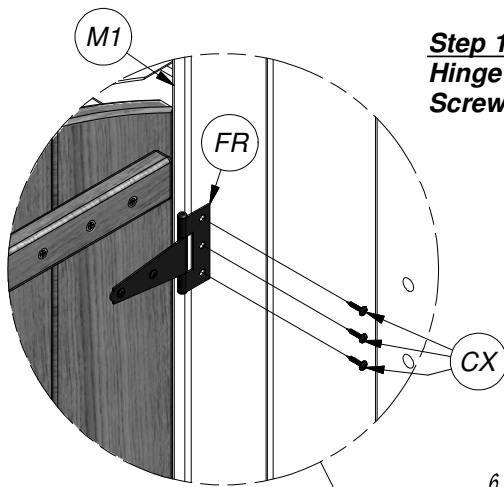
Note: It is vital that the fort be level before and after each phase of assembly.

Hardware needed:

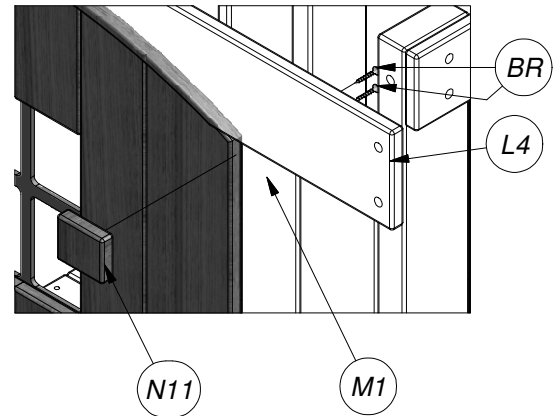
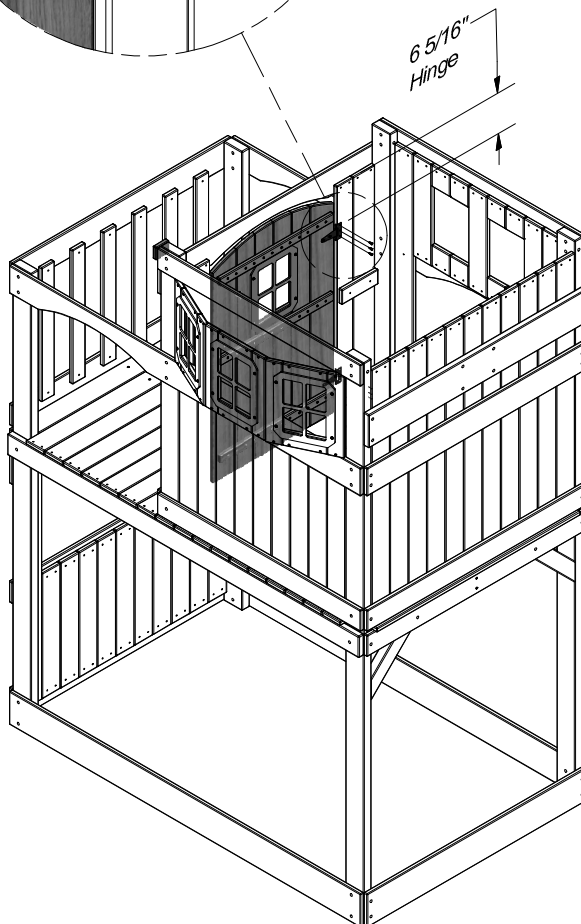
- (2) BR - SCREW PWH 8x1-1/8 - H100088
- (6) CX - SCREW TAPPING 4x5/8 - H100127



To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



Step 1: Pre-drill and attach 'FR' Hinge to 'M1' Wall Board using Screws 'CX', as shown.



Step 2: Pre-drill and attach 'N11' Door Stop to 'M1' Wall Board using Screws 'BR'. Make sure the top of 'N11' Door Stop is flush with 'L4' Club House Wall Rail, as shown.

Fort Assembly

Phase 18

Parts needed:

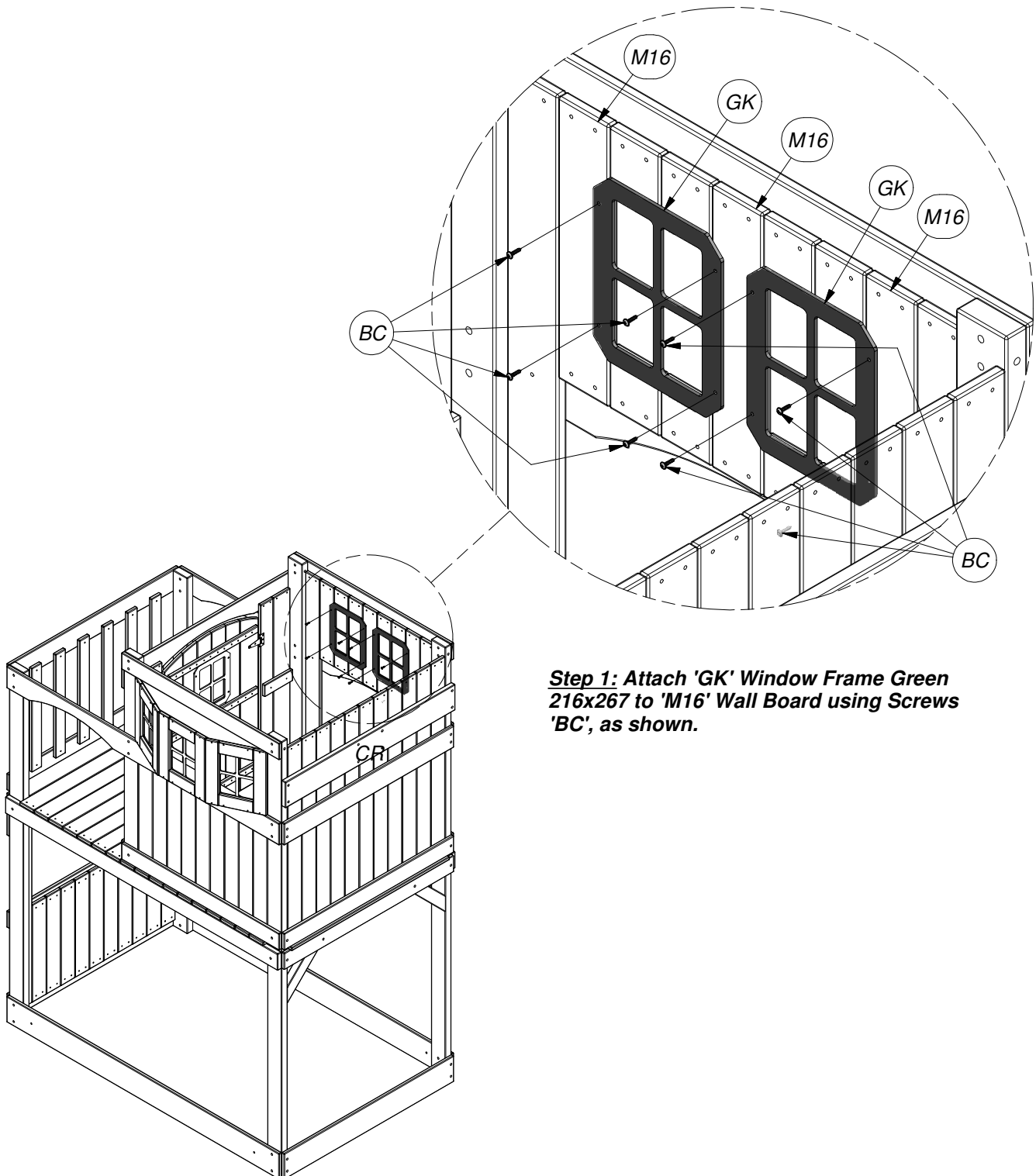
- (2) GK - WINDOW FRAME GREEN 216x267 - A100146

Hardware needed:

- (8) BC - SCREW PWH 8x3/4 - H100070

Phase Notes

- Assemble with hardware as shown.



Step 1: Attach 'GK' Window Frame Green 216x267 to 'M16' Wall Board using Screws 'BC', as shown.

Fort Assembly

Phase 19

Parts needed:

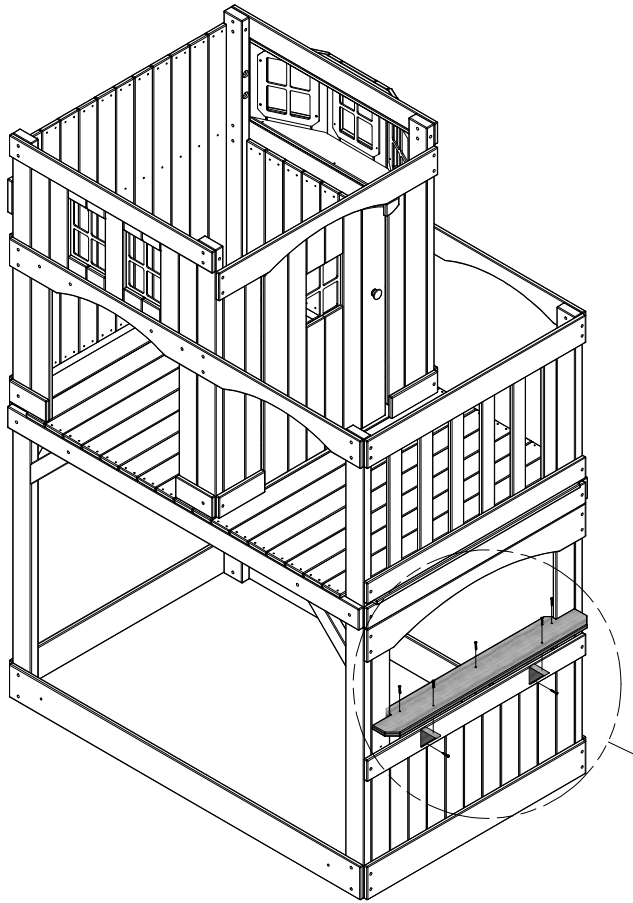
- (2) H4 - TABLE SUPPORT - W100560
- (1) K4 - COUNTER TOP - W101455

Hardware needed:

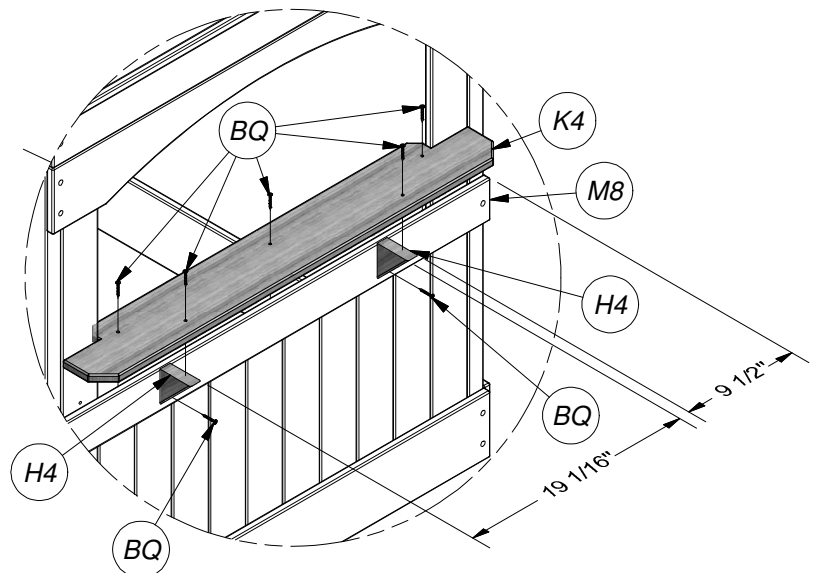
- (7) BQ - SCREW PFH 8x1-1/4 - H100087

Phase Notes

- Assemble with hardware as shown.



Step 2: Attach 'K4' Counter Top to 'M8' Wall Rail and 'H4' Table Supports using Screws 'BQ', as shown.



Step 1: Attach 'H4' Table Supports to 'M8' Wall Rail using Screws 'BQ', as shown.

Fort Assembly

Phase 20

Parts needed:

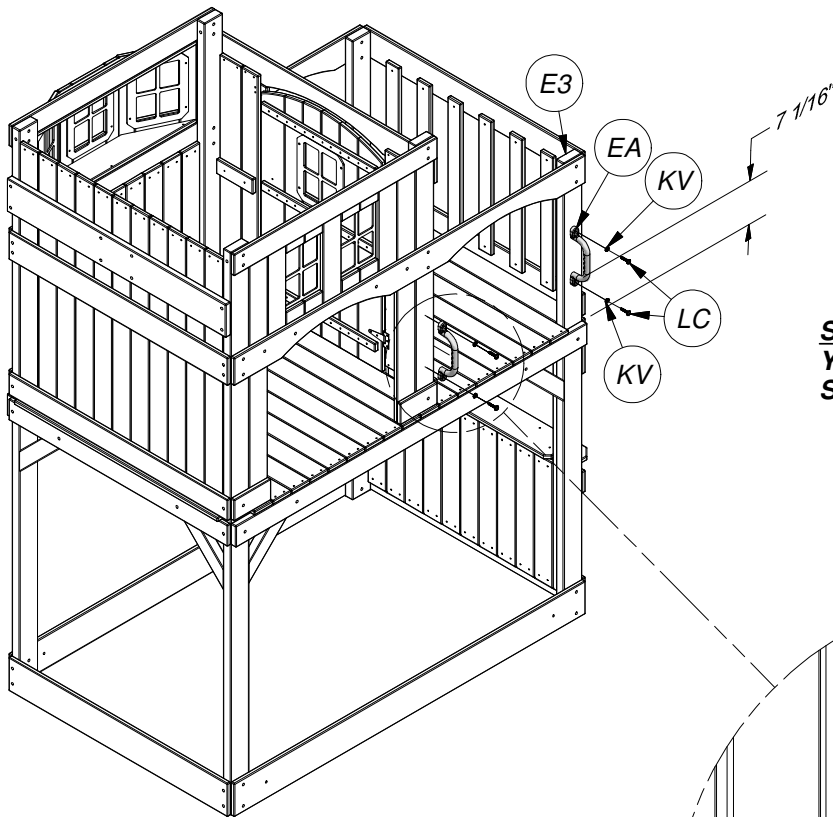
- (2) EA - HAND GRIP YELLOW PLASTIC - A100043

Hardware needed:

- (4) LC - LAG SCREW WH 1/4x1-1/2 - H100145
- (4) KV - WASHER LOCK EXT 6x15 - H100138

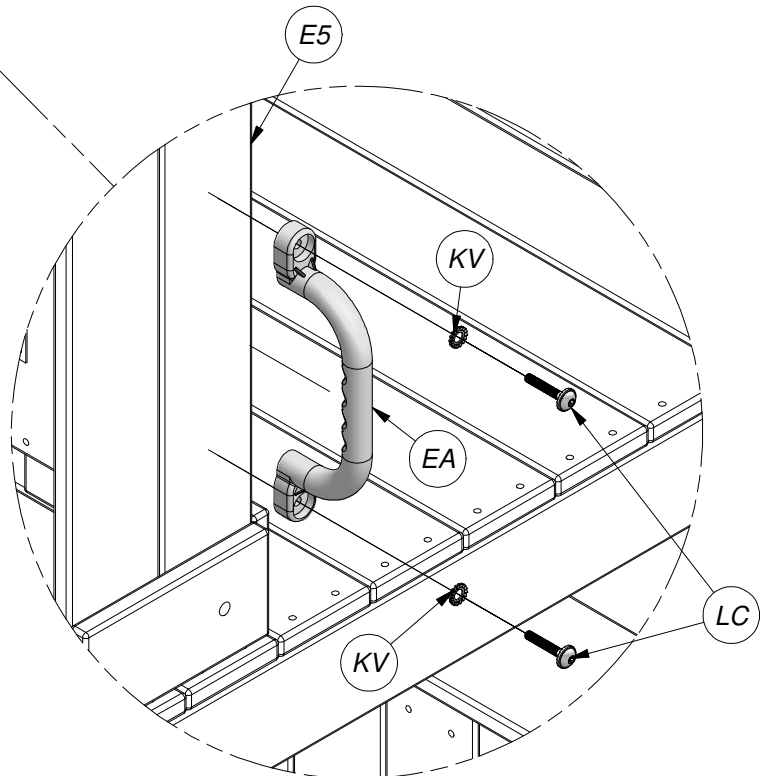
Phase Notes

- Assemble with hardware as shown.



Step 2: Pre-drill and attach 'EA' Hand Grip Yellow Plastic to 'E3' Tower Leg using Screws 'LC' & Washer 'KV', as shown.

Step 1: Pre-drill and attach 'EA' Hand Grip Yellow Plastic to 'E5' Club House Leg using Screws 'LC' & Washer 'KV', as shown.



Fort Assembly

Phase 21

Parts needed:

- (4) H3 - ROOF RAFTER - W101502
- (2) N3 - GABLE BOARD - W100590
- (2) N6 - GABLE BOARD - W100593
- (4) N7 - GABLE BOARD - W100594
- (2) L7 - GABLE MOON - W100572

Phase Notes

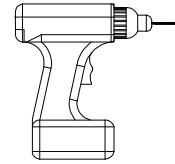
- Assemble with hardware as shown.



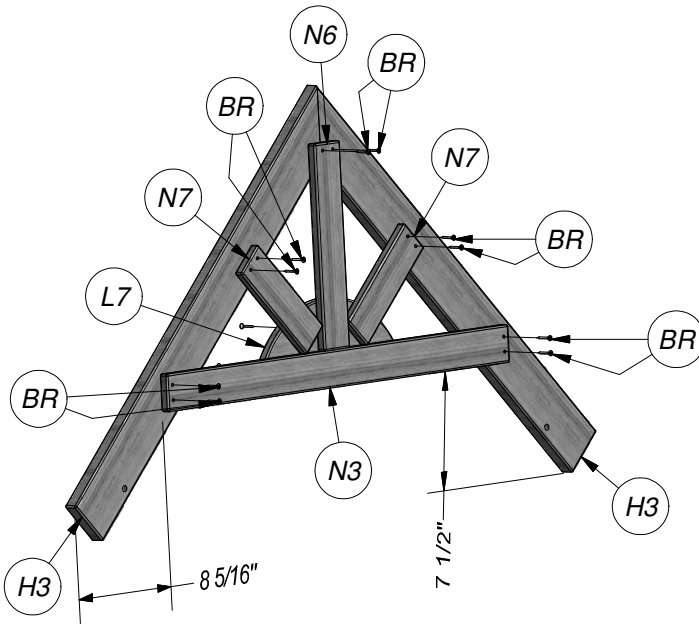
Note: It is vital that the fort be level before and after each phase of assembly.

Hardware needed:

- (30) BR - SCREW PFH 8x1-1/8 - H100088

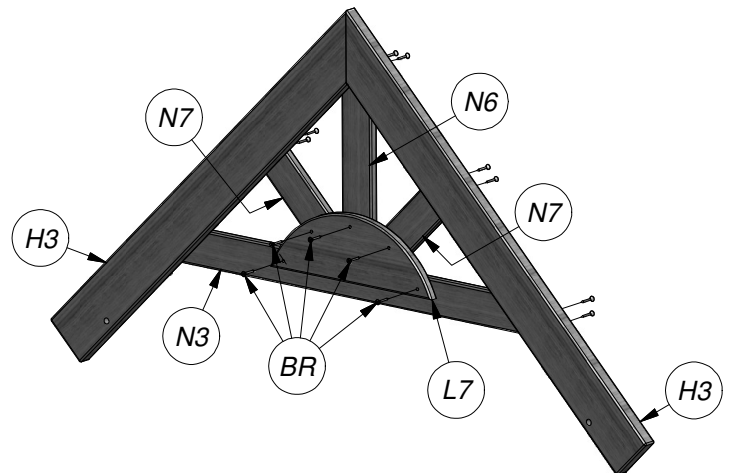


To prevent board splitting, you must pre-drill each board with a 1/8" drill bit, before attaching.



Step 1: Attach 'N3' Gable Board to 'H3' Roof Rafters using Screws 'BR'. Attach 'N6' Gable Board to 'H3' Roof Rafters using Screws 'BR'. Attach 'N7' Gable Boards to 'H3' Roof Rafters using Screws 'BR', as shown.

Step 2: Attach 'L7' Gable Moon to 'N3', 'N6', & 'N7' Roof Rafters using Screws 'BR', as shown.



Fort Assembly

Phase 22

Parts needed:

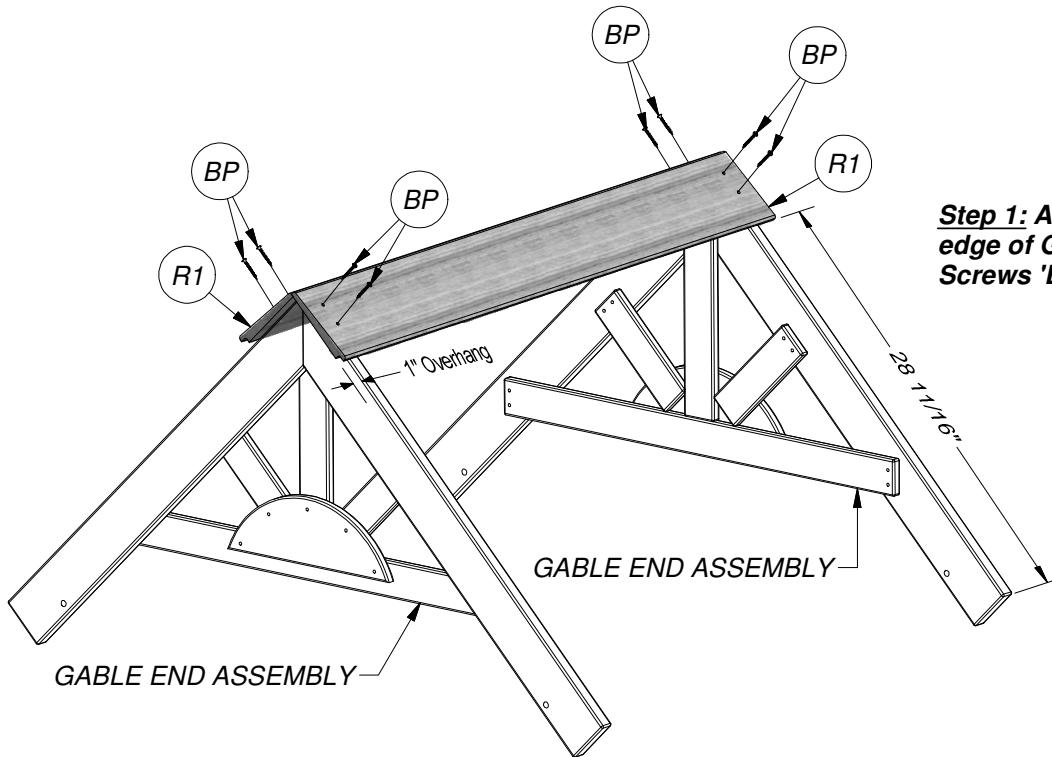
- (2) GABLE END ASSEMBLY
- (14) R1 - ROOF BOARD - W101503

Hardware needed:

- (56) BP - SCREW PWH 8x1-1/2 - H100086

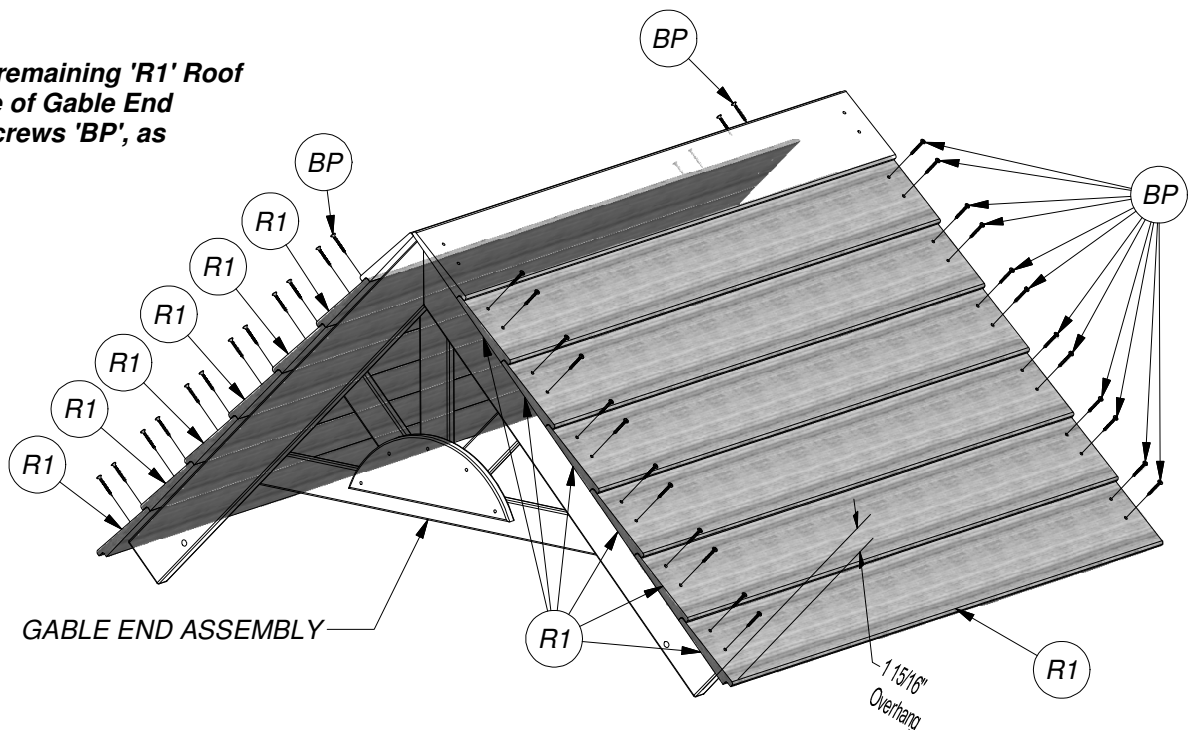
Phase Notes

- Assemble with hardware as shown.



Step 1: Attach 'R1' Roof Board to the edge of Gable End Assembly using Screws 'BP', as shown.

Step 2: Attach the remaining 'R1' Roof Boards to the edge of Gable End Assembly using Screws 'BP', as shown.



Fort Assembly

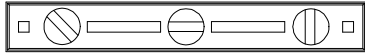
Phase 23

Parts needed:

- (1) ROOF ASSEMBLY
- (2) M8 - WALL RAIL - W101454

Phase Notes

- Assemble with hardware as shown.

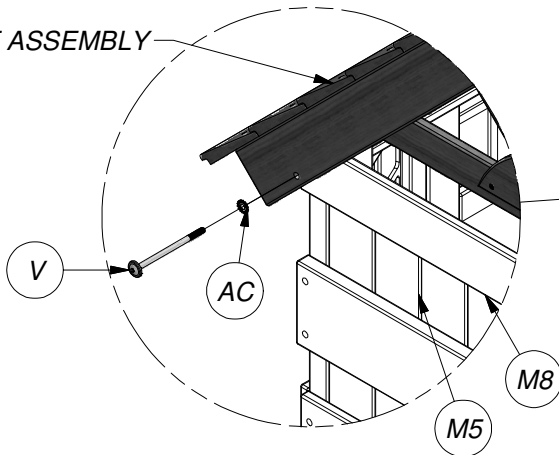


Note: It is vital that the fort be level before and after each phase of assembly.

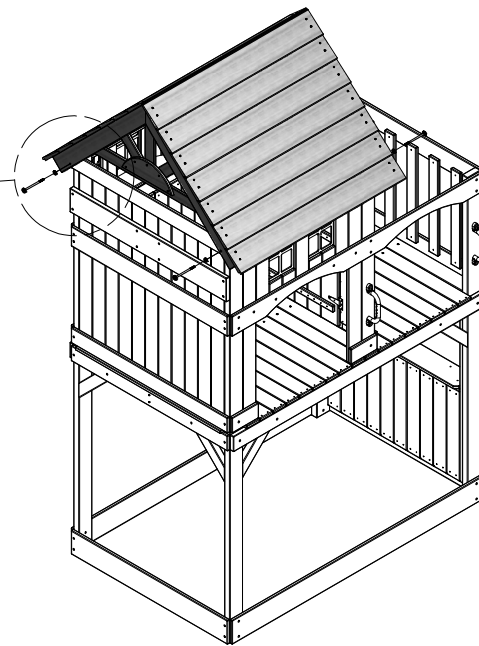
Hardware needed:

- (4) V - BOLT HEX 5/16x5 - H100022
- (4) AC - WASHER LOCK EXT 8x19 - H100030
- (2) BG - T-NUT 5/16 - H100074
- (22) BR - SCREW PFH 8x1-1/8 - H100088

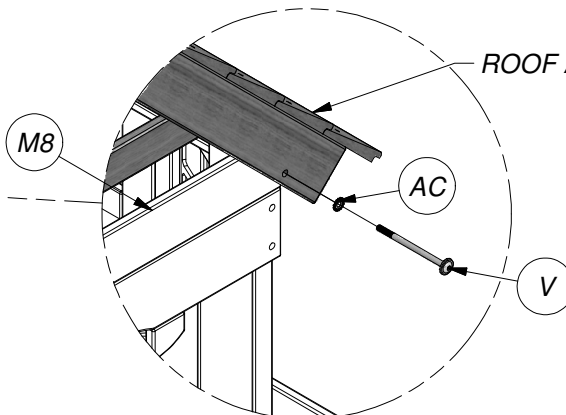
ROOF ASSEMBLY



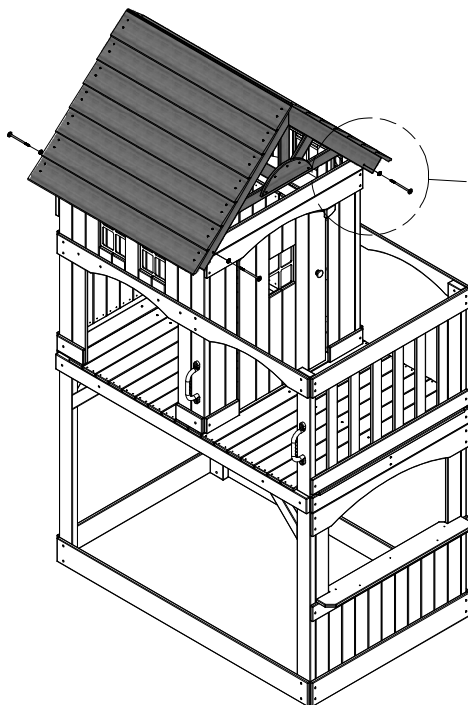
Step 1: Attach the Roof Assembly to 'M8' Wall Rail using Bolts 'V' and Washer 'AC' into T-Nut 'BG' on the back side of 'M8' Wall Board, as shown.



ROOF ASSEMBLY



Step 2: Attach the Roof Assembly to 'M8' Wall Rail using Bolts 'V' and Washer 'AC' into T-Nut 'BG' on the back side of 'M8' Wall Board, as shown.



Step 3: Attach the 'M8' Wall Rails to 'M5' Wall Boards using screws 'BR', as shown.

Fort Assembly

Phase 24

Parts needed:

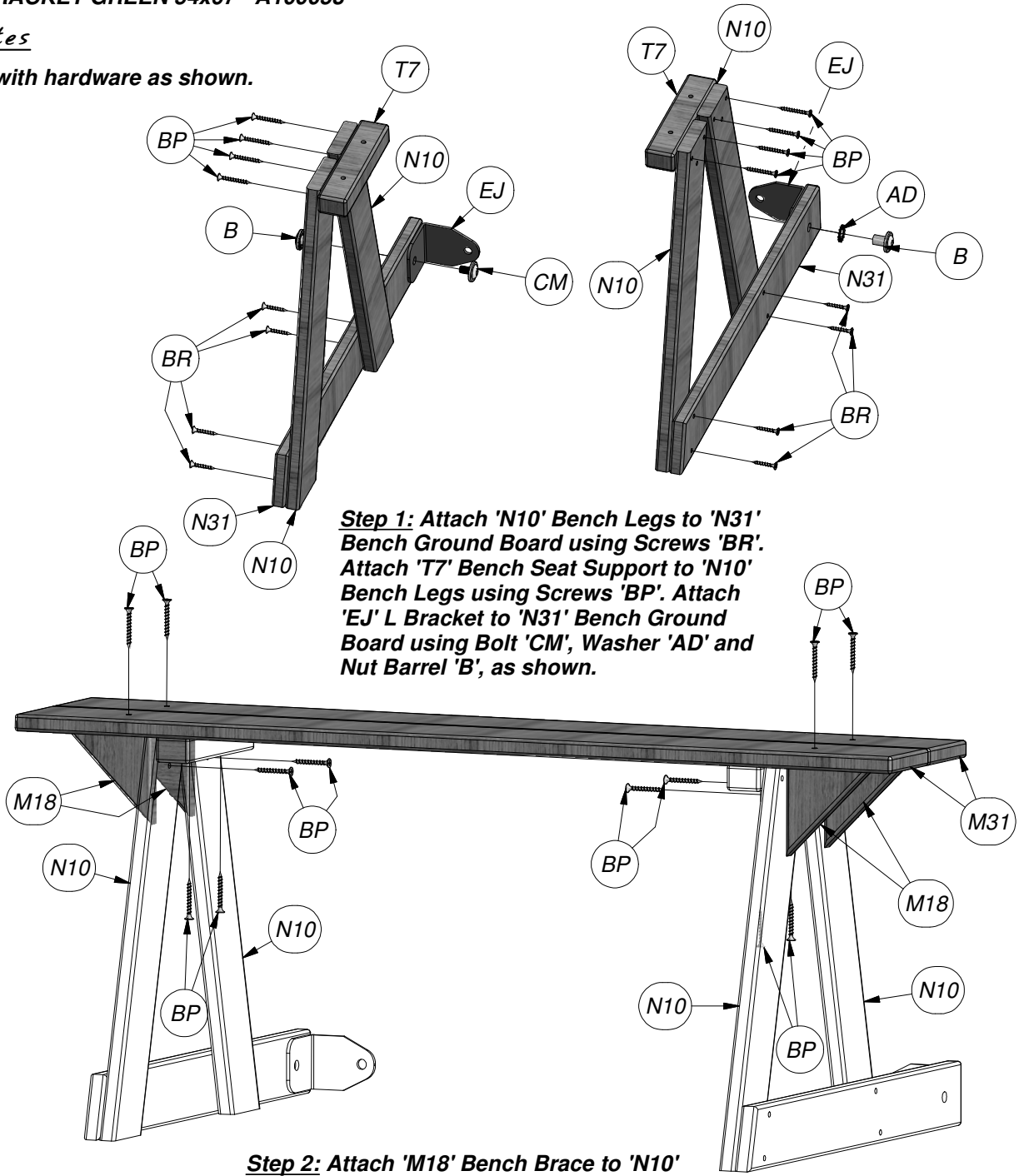
- (2) N31 - BENCH GROUND BOARD - W100845
- (4) N10 - BENCH LEG - W100846
- (2) T7 - BENCH SEAT SUPPORT - W100848
- (4) M18 - BENCH BRACE - W100847
- (2) M31 - BENCH SEAT - W101258
- (2) EJ - L BRACKET GREEN 54x67 - A100053

Hardware needed:

- (20) BP - SCREW PWH 8x1-1/2 - H100086
- (8) BR - SCREW PWH 8x1-1/8 - H100088
- (2) CM - BOLT WH 5/16x1/2 - H100115
- (2) B - NUT BARREL WH 5/16x5/8 - H100004
- (2) AD - WASHER LOCK EXT 12x19 - H100031

Phase Notes

- Assemble with hardware as shown.



Fort Assembly

Phase 25

Parts needed:

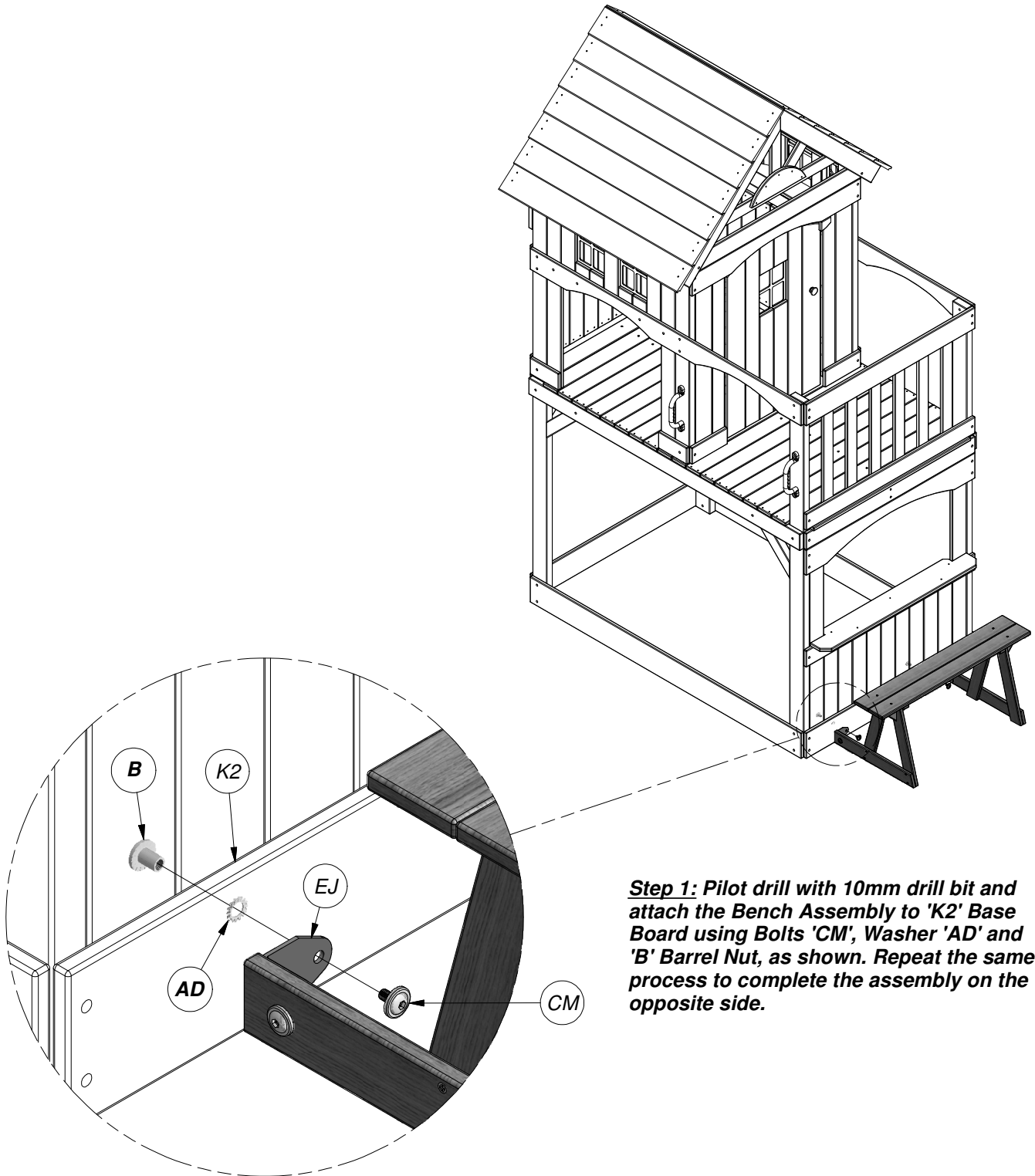
- (1) **BENCH ASSEMBLY**

Phase Notes

- **Assemble with hardware as shown.**

Hardware needed:

- (2) **B - NUT BARREL 5/16x5/8 - H100004**
- (2) **AD - WASHER LOCK EXT 12x19 - H100031**
- (2) **CM - BOLT WH 5/16x1/2 - H100115**



Step 1: Pilot drill with 10mm drill bit and attach the Bench Assembly to 'K2' Base Board using Bolts 'CM', Washer 'AD' and 'B' Barrel Nut, as shown. Repeat the same process to complete the assembly on the opposite side.

Ladder Attachment

Phase 26

Parts needed:

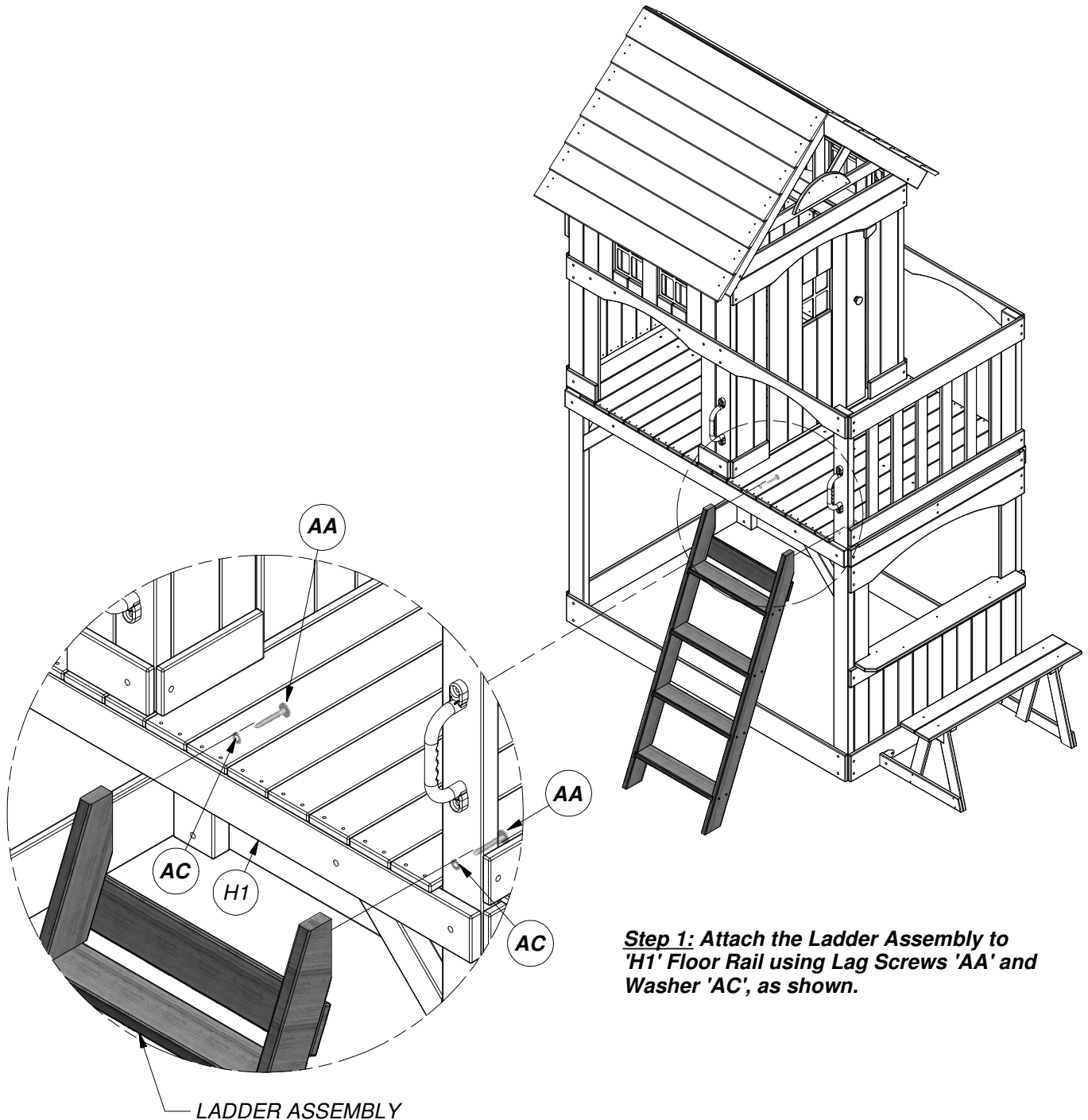
- (1) LADDER ASSEMBLY

Phase Notes

- Assemble with hardware as shown.

Hardware needed:

- (2) AA - LAG SCREW WH 5/16x2-1/2 - H100028
- (2) AC - WASHER LOCK EXT 8x19 - H100030



Monkey Bar Attachment

Phase 27

Parts needed:

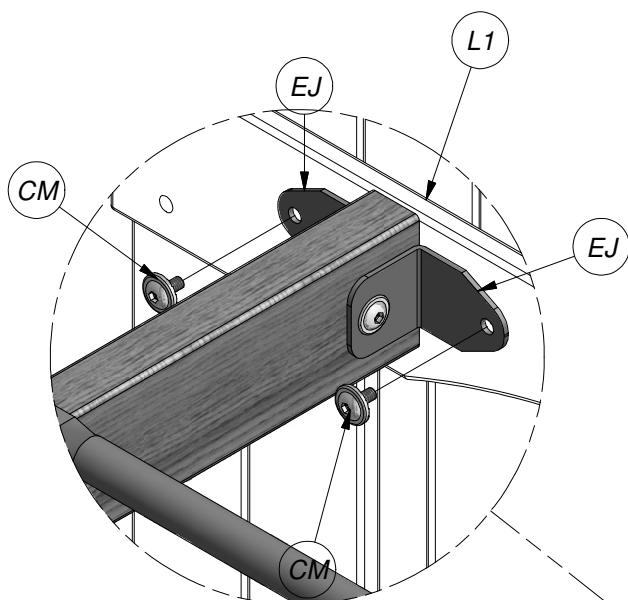
- (1) MONKEY BAR ASSEMBLY

Hardware needed:

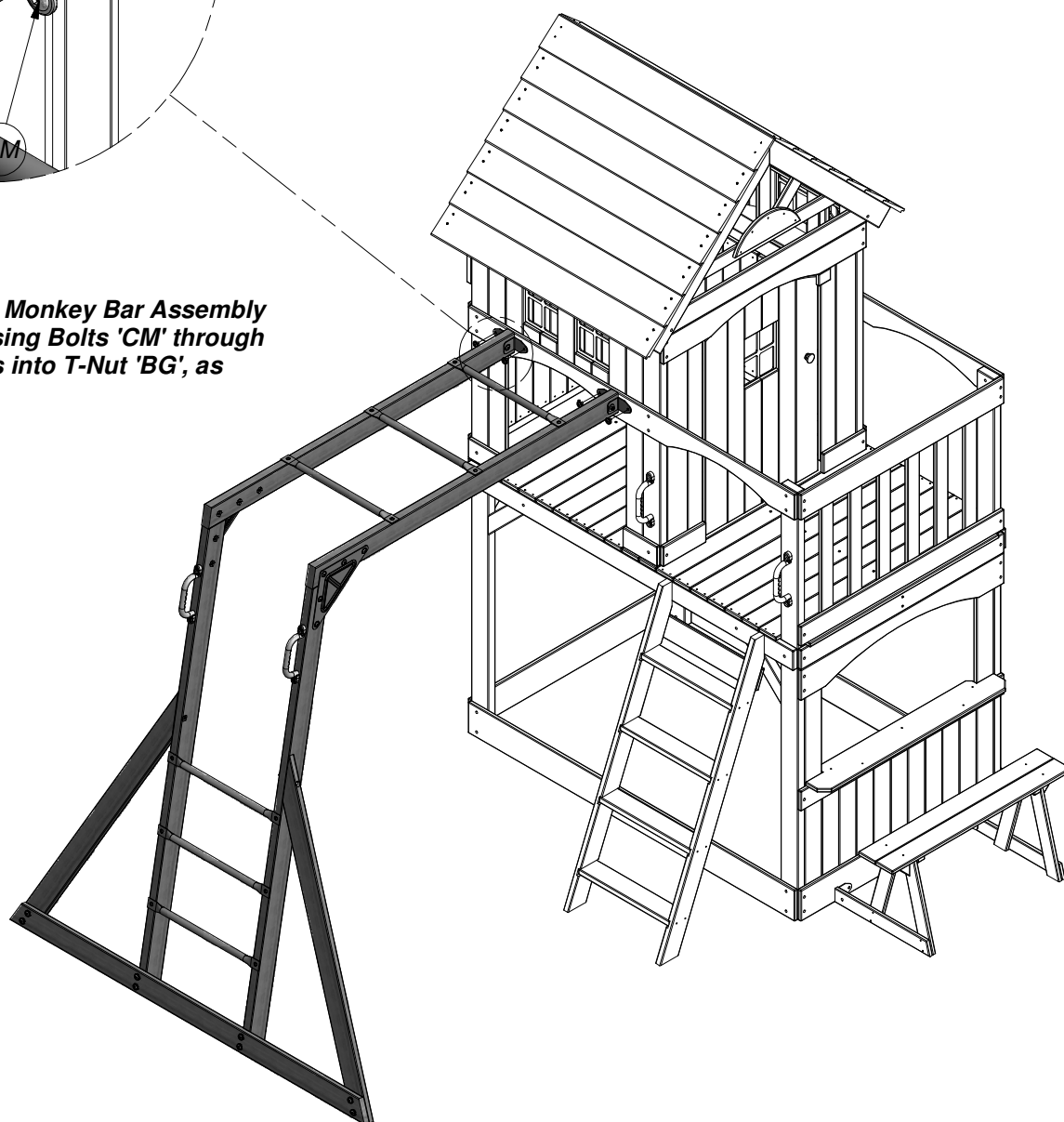
- (4) CM - BOLT WH 5/16x1/2 - H100115

Phase Notes

- Assemble with hardware as shown.



Step 1: Attach the Monkey Bar Assembly to 'L1' Wall Rail using Bolts 'CM' through the angle brackets into T-Nut 'BG', as shown.



Swing Beam Attachment

Phase 28

Parts needed:

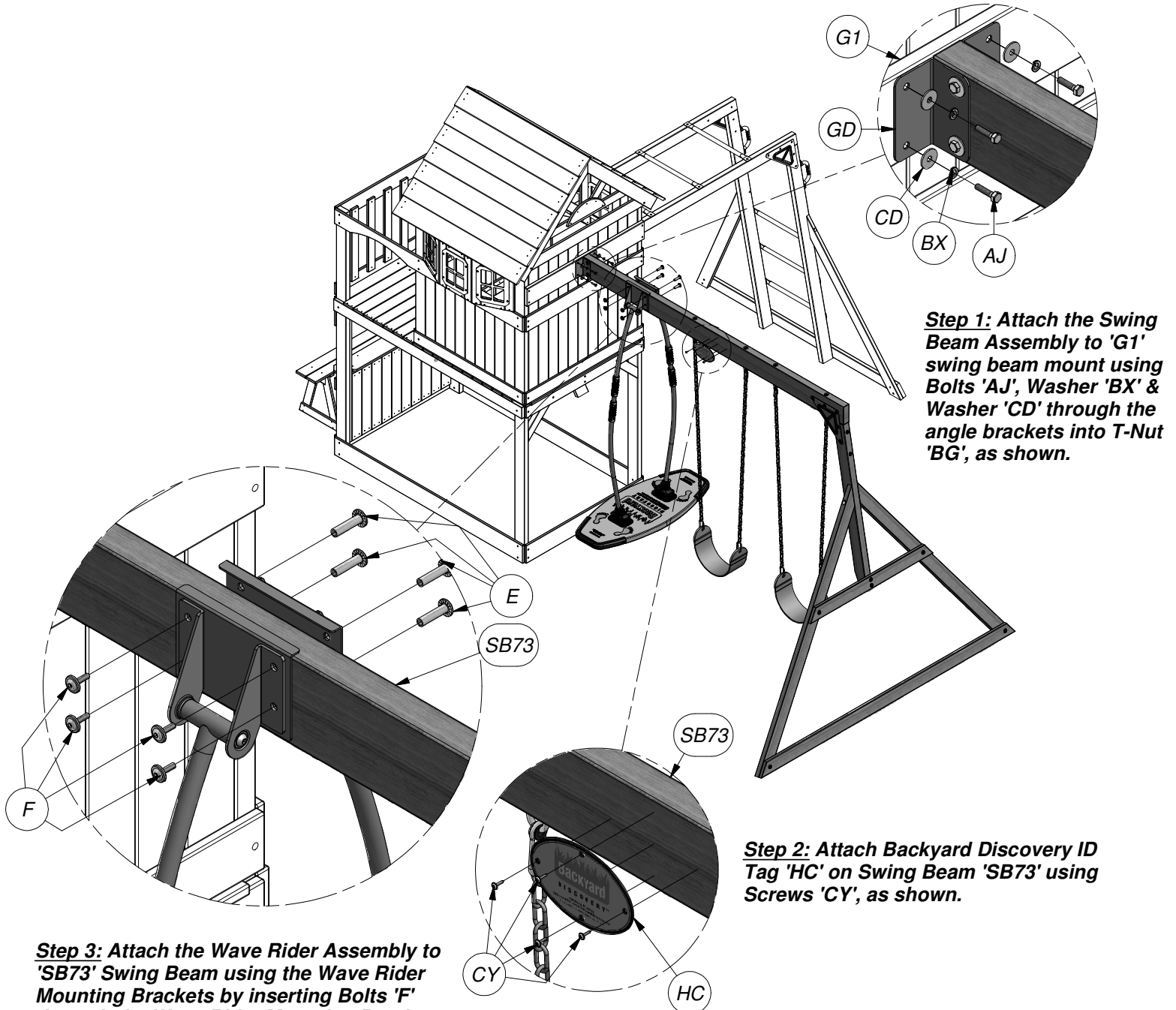
- (1) SWING BEAM ASSEMBLY
- (1) HC - BACKYARD DISCOVERY ID TAG - A100164
- (1) WAVE RIDER ASSEMBLY

Hardware needed:

- (4) BX - WASHER SPLIT 5/16 - H100095
- (4) CD - WASHER FLAT 8x27 - H100105
- (4) AJ - BOLT HEX 5/16x1-1/4 - H100042
- (4) CY - SCREW PWH 8x5/8 - H100128
- (4) E - NUT BARREL WH 5/16x1-3/4 - H100007
- (4) F - BOLT WH 5/16x1 - H100008

Phase Notes

- Assemble with hardware as shown.



Slide Attachment

Phase 29

Parts needed:

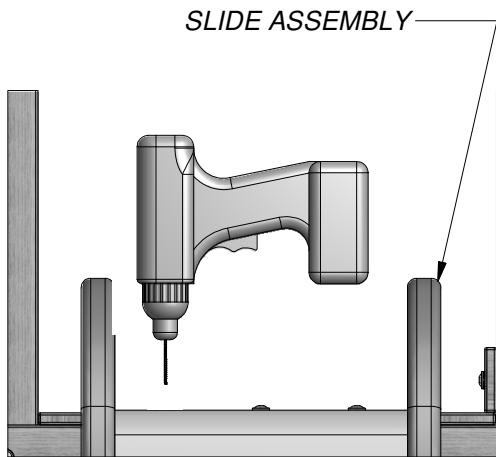
- (1) **SLIDE ASSEMBLY**

Hardware needed:

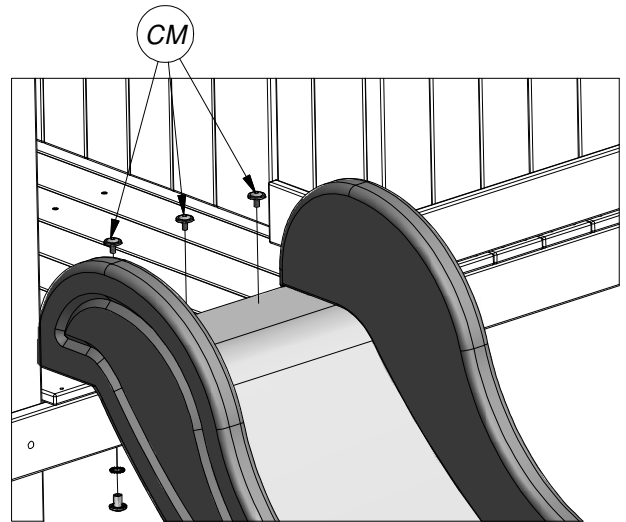
- (3) **B - NUT BARREL WH 5/16x5/8 - H100004**
- (3) **AD - WASHER LOCK EXT 12x19 - H100031**
- (3) **CM - BOLT WH 5/16x1/2 - H100115**

Phase Notes

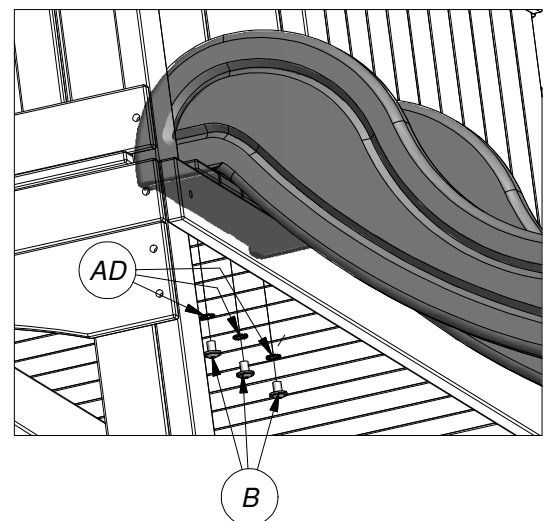
- Assemble with hardware as shown.



Step 1: After centering wave slide in the opening, use a drill with a 3/8" bit, to drill a hole through the holes on the slide and through the fort floor.



Step 2: Insert Bolts 'CM' through wave slide and deck boards, as shown.



Step 3: Finish attaching the Slide Assembly to the fort floor using the Safe-T-Fuse hardware, as shown.

Anchoring Instructions

Phase 30

Parts needed:

- (6) KC - METAL GROUND STAKE BROWN - A100178
- (2) DP - SWING SEAT GREEN - A6P00054
- (4) EZ - CHAIN GREEN 51.25" - A100068
- (4) FA - QUICK LINK - A100069

Hardware needed:

- (6) KS - NUT BARREL 1/4x5/8 - H100136
- (6) CE - WASHER FLAT 9x18 - H100106
- (6) KW - WASHER LOCK EXT 8x15 - H100139
- (2) KT - BOLT WH 1/4x1 - H100137
- (4) KY - BOLT WH 1/4x1/2 - H100141

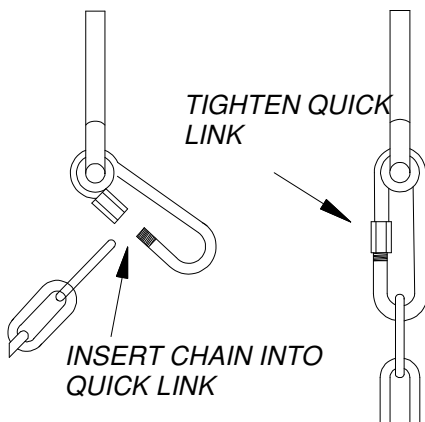
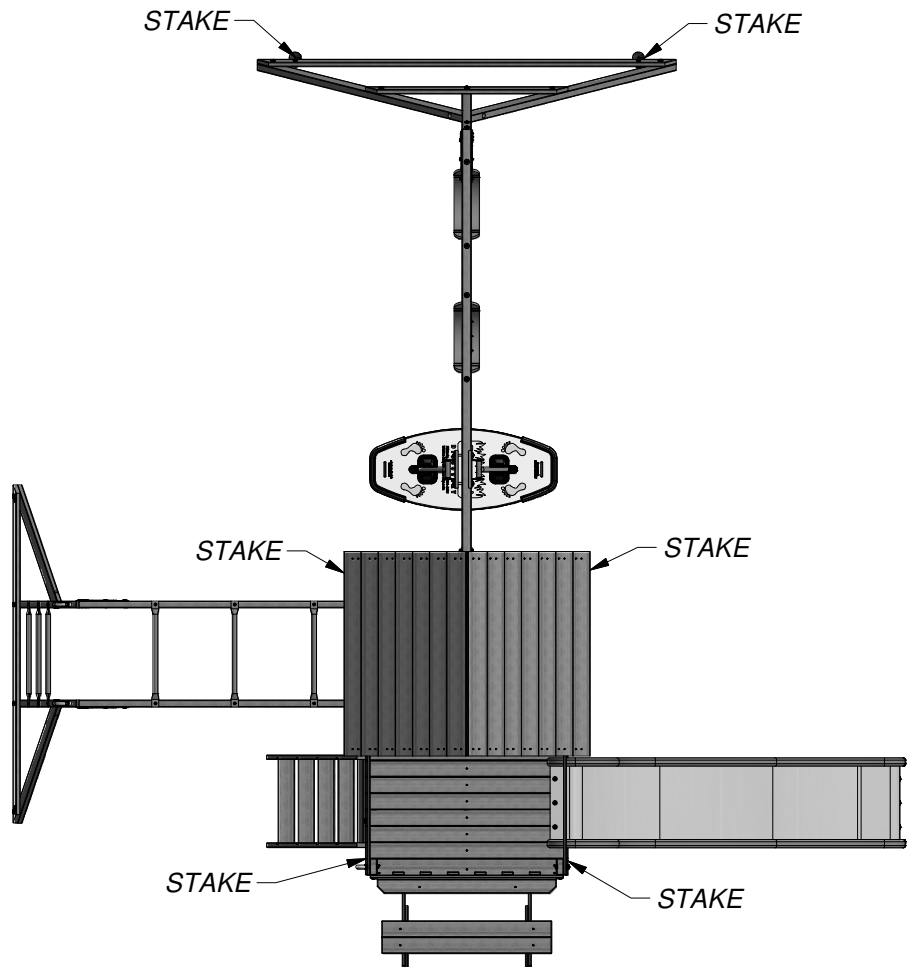
Phase Notes

- Assemble with hardware as shown.
- **FAILURE TO USE STAKES CAN VOID WARRANTY & CAUSE INJURY!**

Step 1: Position playset in permanent location and secure to ground. Measure in 4" from Upright Legs and 4" from inside of 'K1' Base boards and mark ground. This should allow enough space to twist Stakes 'KC' into ground using screwdriver for leverage.

Twist Stakes until eye is approximately 3" from ground surface. Using eye in Stake as guide, drill thru Ground Boards 'K1' with 3/8" drill bit and attach 'KC' Stakes with 'KY' Bolts, 'KW' Lock Washers, 'CE' Flat Washers and 'KS' Barrel Nuts, as shown.

Now measure in 6" from outside Swing Beam Ground Board 'H80' and mark ground. Twist Stakes until eye is approximately 3" from ground surface. Using eye in stake as guide drill thru Swing Beam Ground Board with 3/8" drill bit and attach 'KC' Stakes with 'KT' Bolts, 'KW' Lock Washers, 'CE' Flat Washers and 'KS' Barrel Nuts, as shown.



Step 2: Attach Swing Seats 'DP' to swing beam using Quick Clip 'FA' and Chain 'EZ'.

Final Step: Double check and make sure every bolt, screw and nut is tight. Make sure every board is secure. Make sure the fort is level and enjoy your swing set.

Limited Warranty

This Limited Warranty by Backyard Discovery applies to products manufactured under the Backyard Discovery brand or its other brands including but not limited to Backyard Botanical, Adventure Playsets, and Leisure Time Products.

Backyard Discovery warrants that this product is free from defect in materials and workmanship for a period of one (1) year from the original date of purchase. This one (1) year warranty covers all parts including wood, hardware, and accessories. All wood carries a five (5) year pro-rated warranty against rot and decay. Refer to the schedule below for charges associated with replacement of parts under this Limited Warranty. In addition, Backyard Discovery will replace any parts within the first 30 days from date of purchase found to be missing from or damaged in the original packaging.

This warranty applies to the original owner and registrant and is **non-transferable**. Regular maintenance is required to assure maximum life and performance of this product and failure by the owner to maintain the product according to the maintenance requirements may void this warranty. Maintenance guidelines are provided in the Owner's Manual.

This Limited Warranty does not cover:

- Labor for any inspection
- Labor for replacement of any defective item(s)
- Incidental or consequential damages
- Cosmetic defects which do not affect performance or integrity of a part or the entire product
- Vandalism, improper use, failure due to loading or use beyond the capacities stated in the applicable Assembly Manual.
- Acts of nature including but not limited to wind, storms, hail, floods, excessive water exposure
- Improper installation including but not limited to installation on uneven, unlevel, or soft ground
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect performance or integrity

Backyard Discovery products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Modification voids any and all warranties and Backyard Discovery assumes no liability for any modified products or consequences resulting from failure of a modified product.

This product is warranted for RESIDENTIAL USE ONLY. Under no circumstance should a Backyard Discovery product be used in public settings. Such use may lead to product failure and potential injury. Any and all public use will void this warranty. Backyard Discovery disclaims all other representations and warranties of any kind, express or implied.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states do not allow the limitation or exclusion of consequential damages and therefore this limitation may not apply to you.

Pro Rated Part Replacement Schedule

<u>Product Age</u>	<u>Customer Pays</u>
All Parts	
0-30 days from date of purchase	\$0 and free shipping
31 days to 1 year	\$0 + S&H
Wood Rot and Decay Only	
1 year	\$0 and free shipping
2 years	20% + S&H
3 years	40% + S&H
4 years	60% + S&H
5 years	80% + S&H
Over 5 years	100% + S&H